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DEGREES:

B.A., Social Science, La Sierra College Riverside, CA: 1962

M.A., Sociology, Stanford University: 1966

Ph.D., Sociology, Stanford University: 1970

PRIMARY ACADEMIC POSITIONS:

Instructor, San Francisco State College: 1966-67

Instructor, Stanford University: 1967-68

Assistant Professor, University of Minnesota: 1968-77

Associate Professor, University of Minnesota: 1977-1990

Professor, University of Minnesota: 7/1990-5/2005

Professor Emeritus, 2005-

OTHER POSITIONS:

Lecturer, Univ. of Nevada, Reno, Nevada: Summer, 1966

Applications Programmer, Stanford Computation Center, Stanford University: 1967

Director, Social Science Research Facilities Center, University of Minnesota: 1970-73

Professional Assistant, Office of Computing Activities, National Science Foundation,
Washington, D.C.: 1972

Director, Minnesota Center for Social Research, University of Minnesota: 1981-86

Lecturer, Eastern Michigan University: 1987-88

Senior Lecturer, University of Hong Kong, November, 11/2002

Consultant, Kehmeier Anderson, Inc., 1990-

HONORS/AWARDS:

EDUCOM/NCRIPTAL Higher Education Software Awards Program: 1987 (Distinguished Software Award)

Listed in American Men and Women of Science since 1992

Award for Contributions to Micro Computing in Sociology (from the Sociology & Computers Section of the ASA) 1993

Distinguished Service Award from Association for Computing Machinery, Special Interest Group on Computers and Society, 2001

Invited member of Sociological Research Association, 1990-

Member, Fulbright Senior Specialists Program, 2003-

Invited Fellow of the American Educational Research Association, 2008-

*CURRENT RESEARCH SUMMARIES:*Good Societies Index

The “Good Society” concept became prominent in 1991 by Robert Bellah and his associates. In their work, they promote conflict resolution, human rights for all, acceptance of diversity, harmony, and caring about the welfare of future generations. Using their concepts, the Good Society Index (GSI) was constructed from over 30 national indicators and applied to the 20 richest nations as of 2008. The Index includes the following eight components of societal well-being: work and income equity, child well-being, safety, health, non-violence, integrity & social justice, democracy & freedom, and compassion. One component of the GSI, the compassion index, attempts to encompass altruistic actions and humanitarian social policies, thus making it unique among the many indexes of social well-being. Societal compassion depends upon individuals taking responsibility for political and economic institutions. It also encompasses a shared understanding of the common good. Further work will apply the index to more countries and will identify the national characteristics associated with greater harmony, humanitarianism and social solidarity.

World Suffering - Conceptualization, Measurement, and Findings

Rarely have researchers asked people if they were suffering. Meanwhile research on well-being has flourished. Yet, there appears to be broad agreement that suffering takes a great psychological and social toll. The Gallup-Healthways surveys of well-being in 100+ countries included the Cantril Ladder scale to measure life well-being, and categorized those choosing a rung near "worst possible life" as "suffering." This study explores the validity of a subjective suffering metric and what role demographic factors and social conflicts play in perpetuating suffering. First, using the 123 countries common to both the Gallup-Healthways surveys and the UN's Human Development data, we found that the Gallup poll suffering category to be more problematic than the life satisfaction scale. Second, indicators of the prevalence of discrete life events like HIV illness, homicides, and suicides did not always predict the prevalence of ill-being or subjective suffering. On the other hand, festering conditions like lack of human development, corruption, and gender inequality help explain suffering. In addition, religion, religiosity, and social support help explain variation in national suffering. This pattern is pronounced among African countries where world suffering is most severe. This project helps locate suffering and its magnitude around the world. In so doing, it shows how public policy can more effectively reduce suffering of individuals and their societies.

Charity and Compassion on the Web

‘Caring capital’ is that subset of social capital characterized by caregiving, charity, and compassion when these actions are given altruistically or out of compassion. The relationship between caring and various forms of capital has scarcely been noticed by social scientists, either theoretically or empirically, so it is not surprising that the impact of the Internet on caring capital has been neglected as well. After reviewing the concepts of caring and capital, this analysis of 85 websites related to caring capital explores these questions: How large and influential is this sector of the web currently? How is it best to categorize the diversity of websites promoting caring capital? What interactive and user-generated opportunities are offered by these web sites? What implications for the future do these web organizations have? While we cannot offer any definitive answer to the question of the potential of the Internet for facilitating caring capital, this study's glimpse of charity on the web finds only minor solutions to the huge needs for more caring. However, some innovative fund-raising websites suggest that the Internet could become a platform for major, new high-impact charitable institutions in the future.

BOOKS:

1. R. Seidel, R. Anderson, B. Hunter (editors), Computer Literacy, Academic Press, 1982.
2. R. Anderson, D. Klassen, K. Krohn, P. Smith-Cunnie, Assessing Computer Literacy, Minnesota Educational Computing Consortium, St. Paul, Minnesota, 1982.
3. R. Anderson (ed.) National Educational Computer Policy Alternatives, NY: Association for Computing Machinery, 1986.
4. R. Anderson and D. Sullivan, World of Computing, Boston, MA: Houghton Mifflin, 1988.
5. E. Brent and R. Anderson, Computer Applications in the Social Sciences, NY: McGraw-Hill, Inc., 1990
6. R. Anderson (ed.) Computers in American Schools, 1992: An Overview, IEA Computers in Education Study, University of Minnesota, 1993.
7. T. Plomp, R. E. Anderson, and G. Kontogiannopoulou-Polydorides (Eds) Cross National Policies and Practices on Computers in Education. Dordrecht, Netherlands: Kluwer Academic Publishers, 1996.
8. W. Pelgrum and R. E. Anderson (Eds) ICT and the Emerging Paradigm for Life Long Learning: A Worldwide Educational Assessment of Infrastructure, Goals and Practices. Amsterdam: International Association for the Evaluation of Educational Achievement, 1999 (Revised 2001)
9. Plomp, T., Anderson, R. E., Law, N., and Quale, A., Editors (2009) Cross-National Policies and Practices on Information and Communication Technology in Education. Greenwich, CT, USA: Information Age Publishing (Revised Edition).

REFEREED JOURNAL ARTICLES:

1. S.C. Dodd & R. E. Anderson, "Testing of the Modes Theory", Pacific Sociological Review 8 (Spr. 1965), pp. 28-43.
2. "Status Structures in Coalition Bargaining Games," Sociometry (December, 1967).
3. John O. Field and Ronald E. Anderson, "Ideology in the Public's Conceptualization of the 1964 Election," Public Opinion Quarterly 33 (Fall 1969), pp. 380-98; reprinted in Dreyer/Rosenbaum, Political Opinion and Behavior, Second Edition, 1970; and in Crotty/Freeman/Gatlin, Political Parties and Political Behavior; (this article was also extensively discussed in pp. 185-91 in Hyman, Secondary Analysis of Sample Surveys, 1970; the study has been replicated in several doctoral dissertations).
4. Ronald E. Anderson and Edwin R. Coover, "Wrapping up the Package: Critical Thoughts on Applications Software for Social Data Analysis, Computers and the Humanities, 7, 2 (November, 1972), 81-95.
5. Ronald E. Anderson and Ed Fagerlund, "Privacy and the Computer: An Annotated Bibliography," Computing Reviews, (November, 1972), pp. 551-59.
6. James D. Orcutt and Ronald E. Anderson, "Human-Computer Relationships: Interaction and Attitudes," Behavior Research Methods and Instrumentation 6, 2 (March, 1974), pp. 219-22.
7. Ronald E. Anderson, J. Cleary, Jonathan Gross, D. McTavish, R. Melson, J. Vincent, "The Minnesota Interactive Statistical System," Behavior Research Methods and Instrumentation 6,2 (March, 1974) pp. 194-200.
8. "Reducing Incompatibilities in Social Science Software and Data: Current and Proposed Effort," Social Science Information 13,3 (June, 1974), pp. 147-60.

9. "Bibliography of Social Science Computing," Computing Reviews 15,7 (July, 1974), pp. 247-61.
10. "Computer Cartoons," Creative Computing (March, 1975).
11. "Computer Based Instructional Units in the Social Sciences," Teaching Sociology 2,2 (April, 1975), pp. 222-23.
12. Ronald E. Anderson and Stephen Wieting, "Graphical Humor and the Measurement of Attitudinal Ambivalence," Journal of Communication Research, 3,3 (July, 1976), 311-26.
13. "Technical Standards and Performance Standards in the Pursuit of Quality," Behavior Research Methods and Instrumentation, 8,2 (1976), 211-17.
14. "Diffusion of Computer Utilization among Sociology Instructors," Computers and the Humanities, 10 (1976), pp. 201-07.
15. Ronald E. Anderson and E. Coover, "Academic Social Research Organizations and Computerization," Social Science Information, 15,4 (1976), 741-54.
16. "Value Orientations of Computer Science Students," Communications of the ACM, 21,3 (March, 1978), 219-25.
17. "Statistical Analysis and Data Management in Social Science Computing," American Behavior Scientist, 20,3 (January-February, 1977), pp. 346-410.
18. James Orcutt and Ronald E. Anderson, "Social Interaction, Dehumanization, and the Computerized Other," Sociology and Social Research, 61,3 (April, 1977), 380-97.
18. R. E. Anderson and E. Jolly (1977) "Stereotyped traits and sex roles in humorous drawings." *Communication Research* 4 (4):453-484.
19. R.E. Anderson and Jeylan Mortimer, "An Overview of the Sociology of Computer work," Sociology of Work and Occupations 6,2 (May, 1979), pp 131-138.
20. R.E. Anderson, T. Hansen, D.C. Johnson, D.L. Klassen, "Acceptance and Rejection of Instructional Computing by Secondary School Teachers," Sociology of Work and Occupations 6,2 (May, 1979), pp 227-250.
21. Ira L. Reiss, R.E. Anderson, and G.C. Sponaugle, "A Multivariate Model of the Determinants of Extramarital Sexual Permissiveness" Journal of Marriage & Family (May 1980) p. 395-411.
22. D.C. Johnson, R.E. Anderson, T.P. Hansen, D. Klassen "Computer Literacy - What is it?" The Mathematics Teacher 73 (Feb. 1980) p. 91-96.
23. R.E. Anderson, K.R. Krohn, M.L. Mongiat, "Social Data Analysis and the MISSIS System" Behavior Research Methods and Instrumentation, 12, 2, (1980) pp. 165-171.
24. R.E. Anderson, D.L. Klassen, T.P. Hansen, "The Affective and Cognitive Effects of Microcomputer Based Science Instruction" Journal of Educational Technology Systems, 9,4 (Spring 1981) pp. 329-355.
25. "Instructional Computing in Sociology: Current Status and Future Prospects," Teaching Sociology, 8,2 (January 1981) pp. 171-195.
26. R. Anderson and D. Klassen, "A Conceptual Framework for Developing Computer Literacy Instruction," AEDS Journal, 14, 3 (Spring 1981) pp. 128-150.
27. R. Anderson, D. Klassen, D. Johnson, "In Defense of a Comprehensive View of Computer Literacy," The Mathematics Teacher, 74,9 (December 1981) pp. 687-690 (Reprinted in Education Digest, 1982).
28. "The Road to Computer Literacy: A Programmable Toy Paves the Way," Electronic Learning, 1,1 (Sept. 1981) pp.50-51.

29. W. Welch, R. Anderson, L. Harris, "The Effects of Schooling on Mathematics Achievement," American Educational Research Journal, 19,1 (Spring 1982) pp. 145-153.
30. R. Anderson, W. Welch, L. Harris, "Methodological Considerations in the Development of Indicators of Achievement in the Data from the National Assessment," Journal of Educational Measurement (1982).
31. R. Anderson, "Software Evaluation," AEDS Monitor (March 1982).
32. R. Anderson, "Public Review of ANSI BASIC," Byte (March 1983).
33. R. Anderson, "Innovative Microcomputer Simulations and Games," Simulations and Games (Vol.14, No.1, March 1983), p. 3-10.
34. R. Anderson, L. Harris, W. Welch, "Inequities in Opportunities for Computer Literacy," The Computing Teacher, 11,8 (April 1984), 10-13.
35. W. Welch, L. Harris, R. Anderson, "How Many are Enrolled in Science?" The Science Teacher, 51,9 (Dec. 1984) 14-19.
36. R. Anderson, "A Classification of the Literature on Computers and the Social Sciences," Computers and the Social Sciences, 1, 2, (86), 67-76.
37. "Females Surpass Males in Computer Problem Solving," Journal of Educational Computing Research, 3,1 (1987).
38. "The Unresolved Need for Research on Computers and Education," Education and Computing, 3 (1987), 15-20.
39. W. H. Dutton and R. E. Anderson, "Computers and Literacy: Differing", Perspectives in the Social Sciences" Social Science Computer Review, 7,1 (Spring, 1989) 1-6.
40. Anderson, R. E. and E. Brent, "Computing in Sociology: Promise and Practice," Social Science Computer Review, 7,4 (Winter, 1989).
41. Anderson, R. E. and E. Brent, "Sociological Computing: An Opportunity Missed?", The American Sociologist 22,11 (Spring, 1991), 65-77.
42. Anderson, R. E., et. al. "Proposed ACM Code of Ethics", Communication of the ACM (May, 1992).
43. Anderson, R. E., et. al. "Using the New ACM Code of Ethics in Decision Making," Communication of the ACM (Feb., 1993), pp 98-108.
44. Anderson, R. E., and Collis, B. "International Assessment of Functional Computer Abilities," Studies in Educational Evaluation, Vol. 19 (1993), 213-232.
45. Anderson, R. E., "Social Impacts of Computing: Codes of Professional Ethics," Social Science Computer Review 10,4 (1992).
46. Anderson, R. E., "Development of a Structured Sentencing Simulation," Social Science Computer Review 11,2 (1993), 166-178.
47. Collis, B. and R. Anderson, "Computer Literacy for the 1990s: Theoretical Issues for an International Assessment," Computers in the Schools 11,2 (1994) 55-72.
48. R. Anderson, et. al., "The First International Assessment in Computer Education," IRM Quarterly, 3,2 (Winter, 1994).
49. Welch, W. and R. Anderson, "The Performance of Performance Assessment in a Large-Scale Study of Computer Education," Journal of Educational Computing Research, 11,2 (1994), 107-119.
50. Anderson, R. and S. Magnan, "The Questionnaire Programming Language (QPL):: Overview with Examples of Call Management," Social Science Computer Review. 13,3 (Fall 1995), 291-304

51. R. Anderson, "Information Sifting or Knowledge Building on the Internet," Social Science Computer Review 14,1 (Spring, 1996), 83-83.
52. R. Anderson and S. Magnan, "The Adoption of External Networking by American Schools" The American Sociologist 27, 1 (Spring, 1996), 55-64.
53. R. E. Anderson, "A Research Agenda for Computing and the Social Sciences" Social Science Computer Review 15, 2 (Summer 1997), 123-134.
54. T. J. Beebe, T. Mika, P. A. Harrison, R. E. Anderson, J. A. Fulkerson, "Computerized School Surveys: Design and Development Issues" Social Science Computer Review 15,2 (Summer 1997).
55. T. J. Beebe, P. A. Harrison, J. A. McRae, R. E. Anderson, J. A. Fulkerson, "An Evaluation of computer-assisted self-interviews in a school setting." Public Opinion Quarterly 62: 623-632.
56. Dexter, S., Anderson, R. E. & Becker, H. J. (1999). Teachers' views of computers as catalysts for changes in their teaching practice. *Journal of Research on Computing in Education*. 31: 221-239.
57. Dexter, S., Anderson, R. E. and Ronnkvist, A. (2002) "Quality Technology Support: What is it? Who has it? and What difference does it make?" *Journal of Educational Computing Research* 26: 265-86.
58. Dexter, S., Seashore, K. R., and Anderson, R. E. (2002) "Contributions of professional community to exemplary use of ICT." *Journal of Computer Assisted Learning*, 18,4: 489-497.
59. Kozma, R. and Anderson, R. E. (2002) "Qualitative case studies of innovative pedagogical practices using ICT" *Journal of Computer Assisted Learning*, 18,4: 387-394.
60. Anderson, R. E. (2002) "International studies of innovative uses of ICT in schools" *Journal of Computer Assisted Learning*, 18, 4: 381-386.
61. Anderson, R. E. and Dexter, S. (2005) "School Technology Leadership: An Empirical Investigation of Prevalence and Impact," *Educational Administration Quarterly* 41, 49-82.
62. Anderson, R. E. (2006). "CITASA: The Early Years," *Social Science Computer Review* 24,2, 150-157.
63. Dexter, S., Louis, K. S. & Anderson, R.E. (2009) "The Roles and Practices of Specialists in Teamed Instructional Leadership," *Journal of School Leadership*, Vol. 19 (July), pp. 445-465.
64. Anderson, R. E. and Hicks, C. (2011) "Highlights of Contemporary Microsimulation" *Social Science Computer Review* 29,1 (Feb), 3-8.
65. Anderson, R. E. (2012) "Caring Capital Websites" *Information, Communication and Society*, 15, 4, pp. 479-501.
66. Spiellauer, M. & Anderson, R. E. (2012) "Microsimulation Modeling of Student Success in Community Colleges Using MicroCC," *Social Science Computer Review* (in press)

ARTICLES IN BOOKS AND PROCEEDINGS:

1. Gerald A. King and Ronald E. Anderson, "Computer and Social Scientist in Interaction," in J. Folta and E. Deck, eds., A Sociological Framework for Patient Care, Wiley, 1966.
2. Richard Ofshe and Ronald E. Anderson, "Testing a Measurement Model: An Investigation of the Method of Paired Comparison," Sociological Methodology 1969 (Borgatta, ed.), Jossey-Bass, Inc., Publishers: San Francisco, Ca, 1969.

3. Ronald E. Anderson and Don McTavish, "Sociology, Computers, and Undergraduate Mass Education," Proceedings of a Conference on Computers in the Undergraduate Curricula, Center for Conference, Univ. of Iowa, Iowa City, Iowa, 1970.
4. "Sociological Analysis of Public Attitudes Toward Computers and Information Files," Proceedings of the Joint Computer Conference, Spring, 1972, pp. 649-57.
5. "Minicomputers in a Social Science Instructional Context," Proceedings of the Annual Conference of ACM, 1972.
6. Ronald E. Anderson and Jonathan Gross, "MISS A FOCAL-8/LIBRAData Analysis System for Instruction and Research," DECUS Conference Proceedings, December 1972, pp. 133-37.
7. P.J. Nicholson, W.R. Franta and R.E. Anderson, "The Impact of a Computers and Society Course on Student Perspectives," Proceedings of the Annual Conf. of the ACM, 1973, pp. 81-86.
8. Ronald E. Anderson and Kay Troost, "Computer People and Their Attitudes Toward Computerization: A Social Survey of the ACM70 Conference," Proceedings of the Annual Conference of the ACM, 1973, pp. 87-91.
9. "Reducing Incompatibilities in Social Science Software and Data: A Report on the SIGSOC Workshop," Facts and Futures, What's Happening Now in Computing for Higher Education, Princeton, NJ: EDUCOM, 1974.
10. "Computer-Based Learning Methods in the Social Sciences," pp. 111-15 in Hunter, Beverly, et al., Learning Alternatives in U.S. Education, Educational Technology Publications, Englewood Cliffs, New Jersey, 1975.
11. F. Sim and R. Anderson, "Sociology of Computing: Conceptual Frameworks and Curriculum Development." (Bailey, Daniel, Editor, Computer Science in Social and Behavioral Science Education, Educational Technology Press, Englewood Cliffs, NJ, 1978.
12. "Social Science Computing Curriculum: Guidelines for the Seventies." (Bailey, Daniel, Editor, Computer Science in Social and Behavioral Science Education, Educational Technology Press, Englewood Cliffs, NJ, 1978).
13. J. R. Bohland and R. Anderson, "Computer Literacy," (Bailey, Daniel, Editor, Computer Science in Social and Behavioral Science Education, Educational Technology Press, Englewood Cliffs, NJ 1978).
14. "Social Science Data Processing," (with James Sakoda, F. Simand F. Westie) in Bailey, Daniel (ed.), Computer Science in Social and Behavioral Science Education, Educational Technology Press, Englewood Cliffs, NJ, 1978.
15. "Exemplary Computer Simulation Games" in Horn, Robert (ed.), The Guide to Simulations/Games, 4th Edition Sage Publications, Beverly Hills, CA, 1980, pp 37-46.
16. R. Anderson, E. Meyers, F. Sim, and J. Sonquist, "Computers in Teaching Sociology: A State of the Art Report," in Computers in Undergraduate Teaching, pp. 299-330, CONDUIT, Iowa City, IA, 1978.
17. D. Klassen, R.E. Anderson, T. Hansen, D. Johnson "Computer Literary" Computers in Mathematics, National Education Association (1980).
18. "Computers in Teaching Sociology" in 1979 State of the Art Report of Instructional Computing, CONDUIT, Iowa City, IA 1980.
19. "Some Effects of Considerate and Inconsiderate Systems," SIGSOC Bulletin, 12, 2-3 (January 1981), 11-16.

20. D. Johnson, R. Anderson, T. Hansen, D. Klassen, "The Impact of CAL on Computer Literacy in Schools," Proceedings of the World Conference on Computers in Education, North-Holland Publishing Company, (1981) pp. 517-524.
21. D. Klassen and R. Anderson, "Computer Literacy," Computers In The Classroom, NEA, Washington D.C., 1982.
22. R. Anderson, "Comprehensive Planning for Teaching About Computers," Computers, Association of Supervisors and Curriculum Developers, Alexandria, Virginia, 1983.
23. Anderson, R. E., "Computer Applications to Research", Encyclopedia of Sociology, New York: Macmillan, 1992.
24. Anderson, R. E., "Social Science Applications", Encyclopedia of Computer Science New York: Van Nostrand Reinhold, 1993.
25. Anderson, R. E., "Computer Assisted Questioning (CAQ): Current Trends and Issues," The Information Systems Research Challenge: Research Methods, Cambridge: Harvard University Press, (1991).
26. Anderson, R. E., "Codes of Ethics and Professional Associations" Proceedings of the National Conference on Computing and Values, (1993).
27. Anderson, R. E. and Associates, "Inequity in Computing," Social Issues in Computing McGraw-Hill 1994.
28. Anderson, R. E. "The ACM Code of Ethics: History, Process, and Implications," Social Issues in Computing McGraw-Hill 1994.
29. R. E. Anderson and V. Lundmark "Cross-National Perspectives on Inequity in Computer Education" Pp 27-48 in T. Plomp, R. E. Anderson, and G. Kontogiannopoulou-Polydorides (Eds) Cross National Policies and Practices on Computers in Education. Dordrecht, Netherlands: Kluwer Academic Publishers, 1996.
30. R. E. Anderson "The United States Context of Computers in Education" Pp 445-468 in T. Plomp, R. E. Anderson, and G. Kontogiannopoulou-Polydorides (Eds) Cross National Policies and Practices on Computers in Education. Dordrecht, Netherlands: Kluwer Academic Publishers, 1996.
31. Anderson, R. E., "Human and Social Issues in the Age of Informatics." Pp. 237-246 in Tinsley, D. and Johnson, D. C. (Eds) Information and Communications Technologies in School Mathematics. London: Chapman and Hall, 1998.
32. Anderson, R. E., "Computer Applications in Sociology" Pp 52-65 in Encyclopedia of Library and Information Science Volume 63, Supplement 26. New York, NY: Marcel Dekker, Inc., 1998.
33. R. Anderson, "Youth and Information Technology," in The Future of Adolescent Experience: Societal Trends and the Transition to Adulthood New York: Cambridge University Press, 2002, pp 175-207.
34. R. Anderson, "Sustainability of Technology Investments," in Efficiency, Accountability, and Equity Issues in Title I Schoolwide Program Implementation, Greenwich, CT: Information Age Publishing, 2002.
35. R. Anderson, "Teaching, Learning, and Computing in Japan and the United States," in Bachnik, J. M. (Editor) Roadblocks on the Information Highway. Lanham, Maryland, USA: Lexington Books, 2003.
36. R. Anderson "Ethics and Digital Government" Chapter 14 in Pavlichev, A. & Garson, G. D. (Eds) Digital Government: Principles and Best Practices. Hershey PA: Idea Group Inc.

37. R. Anderson "Stellar Cases of Technology-Supported Pedagogical Innovations" Pp. 195-217 in Kozma, R. (Editor) Technology, Innovation and Educational Change—A Global Perspective. Eugene, OR: International Society for Technology in Education, 2003.
38. R. Anderson, "International Assessments: IEA Study of Technology in the Classroom" in The Encyclopedia of Education, Second Edition, New York, Macmillan Reference (2003)
39. R. Anderson and S. Dexter (2003) "National Policies and Practices on ICT in Education: United States". Pp 559-580 in Plomp, T., Anderson, R. E., Law, N., and Quale, A. (Editors) Cross-National Policies and Practices on Information and Communication Technology in Education. Greenwich, CT, USA: Information Age Publishing.
40. R. Anderson (2003) "Introduction to Cross-National Policies and Practices on ICT in Education". Pp 3-14 in Plomp, T., Anderson, R. E., Law, N., and Quale, A. (Editors) Cross-National Policies and Practices on Information and Communication Technology in Education. Greenwich, CT, USA: Information Age Publishing.
41. R. Anderson (2005) "The role of the information society model in education in the United States," pp. 257-275 in Berleur, J. & Avgerou, C., *Perspectives and Policies on ICT in Society*. New York: Springer.
42. R. Anderson (2007) "Technology and Computer Science," Pp. 245-250 in Bank, B. J. (Editor) *Gender and Education: An Encyclopedia* Westport, Conn.: Praeger.
43. Anderson, R. E., (2008) "Implications of the Information and Knowledge Society for Education," In Voogt, J. and G. Knezek (Editors) *International Handbook of Information Technology in Primary and Secondary Education*, Springer.
44. Anderson, R. E., (2008) "National Contexts," In Plomp, T., Law, N., Pelgrum, H. (editors) *Pedagogy and ICT Use in Schools Around the World: Findings from the SITES 2006 Study*. Amsterdam, IEA
45. Anderson, R. E. (2008) "Large-Scale Quantitative Research on New Technology in Teaching and Learning." In Coiro, J., Knobel, M., Lankshear, C., & Leu, D. J. (Editors) *Handbook of Research in New Literacies*. Mahwah, NJ: Lawrence Erlbaum Associates
46. Anderson, R. E. & Ainley, J. (2010) "Technology and Learning: Access in Schools Around the World" in Baker, E., Peterson, P., & McGraw, B. (Eds) *International Encyclopedia of Education, Third Edition*, Elsevier, vol. 8, pp. 21-33.
47. Anderson, R. E. (2011) "Technology and Computer Science," Pp. 254-260 in Bank, Barbara J. (Editor) *Gender & Higher Education*, Baltimore, MD: The Johns Hopkins University Press

NATIONAL and INTERNATIONAL PROFESSIONAL ACTIVITIES:

1. Chairman and Program Director for West Coast Conference for Small Group Research, 1968.
2. Invited participant in Conference on Social Science Computer Capabilities, New York City, January, 1969, sponsored by the National Science Foundation.
3. Invited participant in Statistical Languages Workshop, San Francisco, June, 1969, sponsored by Russell Sage Foundation.
4. Section Chairman for Conference on Computers in the Undergraduate Curriculum, University of Iowa, June, 1970.
5. Vice-Chairman, Special Interest Group for Social and Behavioral Science Computing (SIGSOC) of the American Association for Computing Machinery (ACM), 1970-1971.

6. Referee and Section Chairman, Conference on Computers in the Undergraduate Curriculum, 1971-78.
7. Session Organizer and Session Chairman, ACM 1971 Annual Meetings.
8. Chairman, Special Interest Group for Social and Behavioral Science Computing (SIGSOC) of the ACM, 1971-73.
9. Proposal Reviewer, National Science Foundation, 1971-.
10. Proposal Reviewer, Behavioral Sciences Research Branch, National Institute of Mental Health, 1972-.
11. Chairman, Social Sciences Committee, for CONDUIT, 1972-75.
12. Program Committee Member, National Conference on the Use of On-Line Computers in Psychology, 1973.
13. Chairman of Panel on Compatibility of Programs and Data EDUCOM, Fall, 1973.
14. Invited participant, Institute for the Future Workshop on Computer Perceptions and Literacy, April 30, 1973.
15. Panelist for session on Evaluation of Statistical Software, World Congress of Sociology, Toronto, 1974.
16. Session organizer and chairperson for panel on "The Future of Computer-Based Instruction in the Social Sciences," ACM Annual Meeting, Minneapolis, 1975.
17. Sociology Series Editor, CONDUIT, 1975-1989.
18. Session organizer for session on "New Sociological Uses of the Computer," American Sociological Association Annual Meeting, New York, 1976.
19. Session Chair and panelist for National Educational Computer Conference, 1979.
20. Invited participant in Irvine Conference on Social Impact of the Computer, August, 1979.
21. Editor, Special Issue, Sociology of Work and Occupations, 1979.
22. Chair, Special Interest Group on Computers in Education, Association for Computing Machinery, 1981-85.
23. Member, Steering Committee of NECC (National Educational Computing Conference), 1982-.
24. Co-chair, ACM Computer Literacy Conference, 1983-1984.
25. Member, SCOPE Advisory Panel, 1982-.
26. Chair and organizer, Panel of Educational Software Copyright issues, NECC/82 and NECC/83.
27. Invited participant, Modern Languages Assoc., CAI Panel, 1983.
28. Advisory Board, Classroom Computer Learning, 1983-.
29. Editorial Board, Journal of Educational Computing Research, 1983-.
30. Editor, Special Microcomputer Issue, Simulation and Games, March 1983.
31. Contributing Editor, Computer User, 1984-.
32. Editorial Board, Social Science Microcomputer Review, 1984-.
33. Editor, Computers in the Social Sciences, 1984-1986.
34. Co-Editor, Social Science Computer Review, 1987-.
35. Chair, American Sociological Association, Section on Microcomputing, 1988-89.
36. Co-Chair, Conference on Computers and the Quality of Life, Washington DC, September, 1990.
37. Regional Representative to ACM Council, Association for Computing Machinery, 1990-1991.
38. Chair, ACM Task Force for Revision of Code of Ethics.
39. Council Member, American Sociological Association, Microcomputing Section, 1989-1991, 1993-.

40. Council Member, Social Science Computing Association, 1992- .
41. Invited panelists, Challenges & Opportunities for the Social, Behavioral and Economic Sciences, National Science Foundation, March, 1993.
42. Council Member, American Sociological Association Section on Communications and Information Technology, 1993-5, 2006-2008.
43. Steering Committee Member, International Educational Association (IEA) 14-nation Computer Education Study.
44. Chair, Awards Committee, ASA Section on Sociology and Computing, 1995-96
45. Chair, Conference on Computing for the Social Sciences, University of Minnesota, May 13-15, 1996
46. President, Social Science Computing Association, 1996-97
47. Co-Chair, International Steering Committee, International Educational Association (IEA), Second International Technology in Education Study (SITES), 1996-2001.
48. Series Editor, Technology-Based Education Series, Kluwer Academic Publishing. 1996-2000
49. Session Organizer, American Sociological Association (Session on Ethics and Computing), 2000
50. Program Chair, AERA Special Interest Group on Computer Applications in Education, 2000 (reviewed 50 papers and organized 8 sessions)
51. Editorial Board member for Informatics in Education, Lithuanian Academy of Sciences, 2008-
52. Editorial Board member for Education and Information Technologies, Kluwer Academic Press, 2000
53. Chair, Special Interest Group on Computer Applications in Education, Amer. Educational Research Association, 2001-02
54. Member Representing United States (ACM) in IFIP TC9 (Computers and Society), 2000-
55. Symposium Organizer, Leading-Edge, Technology-Supported Teaching Practices Around the World. Annual Meeting of the American Educational Research Association, New Orleans, Louisiana, 2002
56. Presentation at International Association for Innovation in Higher Education, Kiev, Ukraine, May, 2003.
57. Council Member, CITASA (Communications and Information Technology Section of the American Sociological Association), 2006-
58. Member, International Steering Committee, International Educational Association (IEA), Second International Technology in Education Study (SITES 2006), 2003-2007.
59. Section Editor, Handbook of Information Technology in Primary and Secondary Education
60. Editorial Board, Informatics in Education, 2008-2010

GRANTS RECEIVED:

1. "Coalition Bargaining and Status Structure," Graduate School, University of Minnesota, 1969.
2. "Conversational Scale Analysis," (with Don McTavish) Graduate School, University of Minnesota, 1969.

3. "Interactive Computer Demonstrations in the Classroom," Council on Liberal Education, University of Minnesota.
4. "Course Presentation Units on Social Impact of Computers," Council on Liberal Education, University of Minn.
5. "Inventory of Research Measuring Perceptions of Computerization," National Science Foundation, 1973
6. "A Study of Computer Use and Literacy in Science Education" National Science Foundation, September 1977, for two years (Co-director with Daniel Klassen, Minnesota Educational Computing Consortium, \$96,000).
7. "Computer Awareness of Adolescent and Early Adolescent Students: An Empirical Assessment," Sept. 1, 1979 for one year, from NSF to Minn. Educational Computing Consortium (\$88,000).
8. "Secondary Analysis of National Assessment Data" National Science Foundation, August 1979 (\$50,000).
9. "Instructional Modules for Computer Literacy", National Science Foundation, 1980 (\$330,000).
10. "National Assessment of Understanding and Attitude toward Science", National Science Foundation, Faculty Associate (Wayne Welch, Principal Investigator; 225,000).
11. "The Role of attitudes in the Learning of Mathematics: Methodological Exploration of NAEP Data," Education Commission of the States, January 1981 (\$32,000).
12. Miscellaneous surveys of the Minnesota Center for Social Research (Contracts and grants averaging about \$150,000 per year), 1982-1986.
13. "Continuous Survey of Outdoor Recreation," Minnesota Department of Natural Resources, 1985-86. (\$94,000).
14. "Analysis of Poverty in the Twin Cities," Center for Urban and Regional Affairs, Univ. of Minnesota (\$3,000).
15. "Exercises for Performance Assessment in Computing" National Science Foundation, \$31,895 awarded 8/1/90
16. "IEA Computers in Education Study, Stage 2, National Science Foundation, \$1,657,800 awarded 9/1/91 for 3 years.
17. "School Technology and Educational Reform: A National Survey of Schools and Teachers" National Science Foundation & U. S. Dept. of Education (joint with H. Becker, Univ. of California, Irvine, approx \$900,000), 1996-
18. "Virtual Research Environment for social Science students" National Science Foundation (Steven Smith, Co-PI, (\$250,000), 1996-1999.
19. "Research Designs for International Studies of Technology-based Exemplary Practices in Education" National Science Foundation (\$360,772), 1998-1999.
20. "Exemplary Technology-Supported-Schooling Case Studies: USA Participation in the OECD/CERI and IEA/SITES Projects" funded by the U. S. Department of Education for \$450,000 for 30 months beginning April 3, 2000.

UNPUBLISHED CONFERENCE PRESENTATIONS:

1. An Information System Approach to Survey Analysis," Pacific Sociological Association Annual Meeting, 1966.
2. "Status Structures in Coalition Bargaining Games," Pacific Sociological Association Annual Meeting, 1966.

3. "Explorations with Coalition Bargaining Games," West Coast Conference on Small Group Research, 1967.
4. "The Relevance of Sociology for Computers," Midwest Sociological Society Annual Meeting, 1970.
5. "Alternative Computing Strategies" with F. Sim, G. Crider, A. Williams, American Sociological Association Seminar, 1972.
6. "The Role of the Social Science Computer User," ACM User Services Conference, Chicago, April 3, 1973.
7. "Impact of Inquiry Tools," North Central Sociological Association Annual Meeting, May 10, 1973.
8. "The Computerizing of America," American Association for Public Opinion Research, Annual Meeting, May 19, 1973.
9. "An Overview of Social Science Computing Problems, ACM SIGSOC Session on Compatibility, New York, June 6, 1973.
10. "Search and Review of Computer Related Curriculum Material," Annual Conference of Computers in the Undergraduate Curricula, Claremont, California, June 20, 1973.
11. "Social Interaction and the Computerized Other," (with James Orcutt), Midwest Sociological Society Annual Meeting, 1974.
12. "Pedagogy in a Mini-Computer Environment," World Congress of Sociology, Toronto, 1974.
13. "Academic Social Research Organizations and Computerization," American Sociological Association Annual Meeting, 1975.
14. "Value Orientations of Computer Scientists," American Sociological Association Annual Meeting, 1975.
15. "Computer Stereotyping in Popular Humor," National Computer Conference, New York, 1976.
16. "Stereotyped Traits and Sex Roles in Humorous Drawings," American Sociological Association Annual Meeting, 1976.
17. "The Presentation of Survey Research Data," (invitational lecture), American Association for Public Opinion Research, Annual Meeting, 1977.
18. "Instructional Computing in Sociology: Current Status and Future Prospects," American Sociological Association Annual Meeting, 1979.
19. "The Computer Mystique," Irvine Conference on the Social Impact of the Computer, 1979.
20. Invited presentation on Microcomputing at Inter-university Consortium for Political and Social Research Conference for Official Representatives, November 1979.
21. "Secondary Analysis of National Assessment Data" International Association for Social Science Information Service and Technology (IASSIST), April 1980.
22. "Computer Literacy Assessment" National Computer Conference, May 1980.
23. "National Computer Literacy" Conference on National Computer Literacy Goals for 1985, December 1980.
24. "Methodological Criteria in Assessing National Assessment Data." Annual Conference of American Educational Research Association, March 1981.
25. "Design of Considerate Systems," Conference on Easier and More Productive Systems, Ann Arbor, Michigan, May 1981.
26. "The Home Environment and Mathematics Achievement," Annual Meetings of the American Sociological Association, September 1981.

27. "Economic Problems in the Twin Cities," Metro Low Income Conference, 1982.
28. "Impact of New Computer Technology in the United States," International Sociological Association Conference, Mexico City, 1982.
29. "Recommendations on computers and education" Statement before the Subcommittee on Investigations of the House Science and Technology Committee, Washington, D.C., September 29, 1983.
30. "A Decade of Microcomputers in Schools," Annual Meetings of the American Educational Research Association, 1993.
31. "The Challenge for Social Science Computing," Conference on Computers in the Social Sciences, 1993.
32. "Computer Ethics: Some Issues for Sociology Microcomputing," Annual Meetings of the American Sociological Assoc. 1993.
33. "Evaluation of the QIAS (Quantitative Instruction on American Society) Faculty Workshops," Annual Meetings of the American Sociological Association, 1993.
34. Presentation, Board of International Comparative Studies in Education, National Academy of Sciences, September, 1993.
35. "Prediction of Quality Technology Utilization in Schools," Annual Meetings of the Amer. Educational Research Assoc., 1994.
36. "Attitudes Toward Ethical Computing," Conference on Computers in the Social Sciences, 1994.
37. "Gender, Race and Class in Computer Utilization," Annual Meetings of the American Sociological Association, 1994.
38. Presentation, CRITO, University of California, Irvine, 1995.
39. "Social Science Data Service Organizations" Conference on Computers in the Social Sciences, 1996.
40. "Planning for the Second International Technology in Education Study" IEA General Assembly, Vancouver, B.C, 1996
41. Presentation at IEA General Assembly on proposal for an International Technology-Based Education study, Oslo, Norway, September, 1999
42. Invited presentation at National Academy of Sciences, Board of International Comparative Studies in Education, on "Proposed Case Studies of Innovative Pedagogical Practices Using Technology.", Sept. 1999
43. Presentation of research results on survey of schools at the annual meetings of the American Educational Research Association meetings, April, 1999
44. Presentation at the American Sociological meetings on "An Internet Tool for Students to analyze data in Chip Format." August, 1999
45. Presentation on technology trends at the Norwegian Ministry of Education, in conjunction with release of findings from the SITES international study, November, 1999
46. Invited presenter at National Science Foundation meeting on progress of the Second International Technology in Education Study, Arlington VA, March, 2000
47. Invited presentation at National Academy of Sciences, Board of International Comparative Studies in Education, on "Second International Technology in Education Study.", Sept. 2001
48. Presentation on "U.S.A.: A model of implementation effectiveness" in "Leading-Edge, Technology-Supported Teaching Practices Around the World" at annual meeting of the American Educational Research Association, 2002

49. "Portraits of exemplary technology supported schools". Presentation at conference of the Society for Information Technology and Teacher Education, Nashville, Tennessee, 2002.
50. "Multimedia in Teaching Sociology" Presentation at the annual meeting of the American Sociological Association, August, 2002
51. "Youth and Information Technology" Presentation at the annual meeting of the American Sociological Association, August, 2002
52. "A Good Societies Index for the 20 Richest Societies" Presentation at the International Society for Quality of Life Studies, Florence, Italy, 2009
53. "World Suffering" Presentation at the annual meeting of the American Association for Public Opinion Research, 2011
54. "Caring Capital" Presentation at the annual meeting of the American Sociological Assoc., 2011

BOOK REVIEWS:

1. "Social Research by Hubert Blalock," American Sociological Review 36,4 (August, 1971), p. 736.
2. "Simulation of Committee Decision-Making in a State Legislative Body by Wayne Francis," Computing Reviews 12,9 (September, 1971), p. 387.
3. "Information Processing: Application in the Social and Behavioral Sciences by William Davisson," Contemporary Sociology, 1,3 (May, 1972), p. 224.
4. "Computers in Knowledge-Based Fields by Charles Meyers," in SIGSOC Bulletin 3,1 (June, 1971), p. 9.
5. "Adapting to Innovations: A Facet Analysis of the Case of the Computer by Dov Elizur," Computing Reviews (1978).
6. "Survey and Opinion Research Processing by John Sonquist and G. Dunkelburger," Contemporary Psychology (1978).
7. "Humor: Its Origin and Development by Paul E. McGhee," Sociology Review of New Books, 7,5 (1980) p. 137.

OTHER TEXT PUBLICATIONS:

1. Computer Program Abstracts, Nos. 208, 290, 210, Behavioral Science 11,3 (May, 1966), pp. 234-36.
2. Group Homogeneity and Stimulus Evaluation in Political Campaigns, Ph.D. Dissertation, Stanford University, 1969.
3. "BRE: A Conversational Program for Bivariate Regression and Eta," Behavior Research Methods and Instrumentation, (1976).
4. R.E. Anderson, K. Krohn, M. Mongiat, The MISSIS Primer, Minnesota Educational Computing Consortium, 1979.
5. D. McTavish and R. Anderson, "Evaluation Tools for Methodological Characteristics of Social Research," Minnesota Systems Research, Inc., 1973.
6. "A Systems Analysis of Hennepin County Treatment Facilities for Chemical Abuse," Hennepin County, Polydrug Research Project, 1975.

7. R.E. Anderson, T.P. Hansen, D.C. Johnson, D.L. Klassen, Computer Literacy Questionnaire (test booklet) MECC, 1978.
8. R.E. Anderson, T.P. Hansen, D.C. Johnson, D.L. Klassen, Minnesota Computer Literacy and Awareness, Form 8, St. Paul, Minnesota: MECC, 1979.
9. 26 Computer Literacy Instructional Modules (CLIM), MECC, 1983.
10. R. Anderson, "CONDUIT Resources for CAI", Teaching Newsletter, 8,5 (October 1983), p. 8-9.
11. A. Ronnkvist and R. Anderson, "The Presence of Computers in American Schools" TLC Report No. 2 (www.crito.uci.edu/tlc/) , 1999
12. S. Dexter, A. Ronnkvist and R. Anderson "Technology Support" TLC Report No. 5 (www.crito.uci.edu/tlc/) , 2000
13. R. Anderson and S. Dexter, "School Technology Leadership: Incidence and Impact," TLC Report No. 6 (www.crito.uci.edu/tlc/) , 2001
14. R Anderson and H. Becker, Technology Expenditures in American Schools," TLC Report No. 9. (www.crito.uci.edu/tlc/) , 2001

COMPUTER LANGUAGES:

1. BASIC, FORTRAN, Pascal, C++

SOFTWARE PUBLICATIONS:

1. Social Indicators Game, Random House, Inc., 1984, 1988.
2. The Public Opinion Exercise: American Sexual Values, Random House, Inc., 1984, 1988.
3. The Social Power Game, Random House, Inc., 1984, 1988.
4. The Life Course Simulation, Random House, Inc., 1984, 1988.
5. Social Values and The Computer, Control Data, 1984.
6. Computers and The Future, Control Data, 1984.
7. Human Factors and Computers, Control Data, 1984.
8. Electronic Funds Transfer, Control Data, 1984.
9. Robotics and Computers, Control Data, 1984.
10. Computers for Anyone, Control Data, 1984.
11. Getting Started with Supercalc, Control Data, 1984.
12. Word Processing Consultant, Longman Crown, 1985.
13. Spreadsheet Consultant, Longman Crown, 1985.

CONSULTING:

1. County Planning Committee, San Jose, California, 1967
2. Minnesota Systems Research, Inc., Minneapolis, 1972-76
3. National Science Foundation, Division of Mathematical and Computer Sciences, 1972-76
4. Conduit, University of Iowa, 1972-
5. Multi Resource Centers, Inc., Minneapolis, 1975-78
6. Bureau of Social Science Research, Social Graphics Project, 1975
7. Minnesota Educational Computing Consortium, 1975
8. Behavioral Research Group, 1977
9. Xerox Corporation, 1978

10. Minnesota State Department of Corrections, 1978
11. National Jury Project - Midwest, 1978
12. Minnesota Sentencing Guidelines Commission, 1979
13. Minnesota State House Research, 1979
14. Control Data Corporation, 1980-83
15. Encyclopedia Britannica Education Corp., 1981-82
16. National Dairy Council, 1982
17. Educational Testing Service, 1982-
18. Educom Consulting Group, Educom, 1983-
19. National School Boards Association, 1983-84
20. American Civil Liberties Union, 1983-85
21. Minnesota Civil Liberties Union, 1984-85
22. Minnesota Opinion Research, Inc., 1985-87
23. Educational Computer Consortium of Ohio, 1985-88
24. Hazelden Research, 1986
25. Institute for Rational Public Policy, Inc., 1987-1991
26. Eastern Michigan University, 1988-89
27. Lakewood Publications, 1991
28. Harvard University, Program on Quantitative Instruction in American Society, 1990-92.
29. Institute for Rational Public Policy, 1986-1992.
30. Information Technology Design Associates, 1993-1996.
31. Minnesota Department of Corrections: Community-Based Sex Offender Program Evaluation Project" 1/1995-6/2005
32. North Carolina Sentencing Commission, 1/1998-12/2001
33. Minnesota Department of Health, 4-9/1998
34. American Institutes for Research, 7/2000
35. United States Department of Education, 10/2000
36. Australian Center for Educational Research (OECD PISA), 2/2001-11/2002
37. Benton Foundation, 6/2002
38. Research Grants Council, Hong Kong, 11/2002-12/2007
39. Institute for the Promotion of Teaching Science and Technology, Bangkok, Thailand 11-12/2004
40. Mahoney & Foster, Ltd., 9/2003-9/2005 (expert witness on survey research and measurement)
41. SRI International, 6/2003-12/2005

COURSES TAUGHT:

1. Introductory sociology
2. Social Psychology
3. Small groups
4. Communications research
5. Computer applications in the social sciences
6. Computer programming and computer simulation
7. Social research methods
8. Social statistics
9. Social research and social policy

10. Digital Culture in Education

TEACHING WORKSHOPS CONDUCTED:

1. Eastern Montana College, 1979
2. Xavier University, New Orleans, 1980
3. University of Akron, 1981
4. Randolph School, Alabama, 1982
5. Osseo, Minnesota, 1982
6. Concordia College, St. Paul, 1982
7. MECC '82 Conference, Minneapolis, 1982
8. Naperville, Illinois, 1982
9. New Jersey City College, 1982
10. University of Minnesota, Morris, 1983
11. MicroIdeas, Glenview, Illinois, 1983
12. University of Dayton, 1984
13. Ball State University, 1984 (ASA sponsored)
14. Fairleigh Dickinson University, Rutherford NJ, 1984
15. Hamline University, 1985 (ASA sponsored)
16. Eastern Michigan University, 1986
17. New Jersey State Colleges, 1986
18. Schippensburg University, 1991

PROFESSIONAL MEMBERSHIPS:

1. American Sociological Association
2. International Sociological Association
3. Association for Computing Machinery
4. American Association for Public Opinion Research
5. American Educational Research Association
6. International Society for Quality of Life Studies
7. International Studies Association

RECENT COMMUNITY VOLUNTEERING:

1. U of MM Retirees Association Webmaster, 2006-2010
2. Bushaway Road Sesquicentennial planning, 2009
3. Minneapolis Homeless Connect, 2010-
4. Foundation for Compassionate Societies, Founding President, 2008-
5. Creator and Webmaster, CompassionateSocieties.org, 2008-
6. President-Elect, University of Minnesota Retirees Association, 2011-12