

# VITA

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**Professor of Medical Sociology**

**Professor of Health Communication**

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**Academic Training**

Ph.D. 1964 The Johns Hopkins University  
Education and Sociology

M.A.T. 1960 The Johns Hopkins University  
Chemistry and Mathematics

M.S.E. 1959 The Johns Hopkins University  
Operations Research and Industrial Engineering

B.E.S. 1957 The Johns Hopkins University  
Chemical Engineering

**Thesis**

"Implementation of an Operations Research  
Recommendation for a System of Reports" (M.S.E.)

**Dissertation**

"An Empirical Study of Bureaucratic Rules  
in the Junior High School" (Ph.D.)

## Experience

2004 to present	Professor Communication, Purdue University
1974 to present	Professor of Sociology, Purdue University
1995 to 1998	Director, Social Research Institute, Purdue University
1994 to 2006	Co-Director, Rural Center for AIDS/STD Prevention, Indiana University and Purdue University
1991 to present	Assistant Director of the AIDS Research Center, Purdue University
1991 to present	Adjunct Professor of Medical Sociology, Graduate Medical Education Program, Methodist Hospital of Indiana, Indianapolis, IN
1981 to 1982	Visiting Research Professor of Medical Sociology, Department of Academic Affairs, Methodist Hospital of Indiana, Indianapolis, Indiana
1975 to 1978	Assistant Dean for Analytical Studies, School of Humanities, Social Science, and Education, Purdue University
1971 to 1976	Associate Director, Health Service Research and Training Program, Department of Sociology and Anthropology, Purdue University
1970 to 1974	Associate Professor of Sociology and Industrial Engineering, Purdue University
1970 to 1973	Faculty Member, Center for Large Scale Systems, Schools of Engineering, Purdue University
1966 to 1970	Research Professor of Educational Administration, University Research Center, New Mexico State University
1965 to 1966	Director, Division of Engineering, Evening College, The Johns Hopkins University
1964 to 1965	Administrative Assistant to the Dean, Evening College, The Johns Hopkins University
1962 to 1964	Instructor, Mathematics, Mt. Saint Agnes College, Baltimore, MD
1961 to 1962	Teacher, Mathematics and Chemistry, Loyola High School, Baltimore, MD
1961	Teacher, Biology, Hamstead Hill Junior High School, Baltimore, MD
1959 to 1960	Teacher, Chemistry, Loyola High School, Baltimore, MD

### Consultant

1966 to 1967	Southwestern Cooperative Educational Laboratory, Albuquerque, New Mexico
1967 to 1970	Southwest Educational Development Corporation, Austin, Texas
1970 to 1973	National Center for Health Services Research
1973 to 1975	Gary Income Maintenance Experiment
1973 to 1975	National Institute of Education
1978 to 2000	Methodist Hospital of Indiana, Inc., Indianapolis, Indiana
1988 to 1991	TDS Healthcare Systems Corporation, Atlanta, Georgia
1989 to 1991	Pacific Presbyterian Medical Center, San Francisco, CA
1989 to 1993	Dallas Veterans Administration Medical Center
1990	Columbia-Presbyterian Medical Center
1991	Girls Inc., National Resource Center
1993 to 1995	Kaiser Permanente, San Diego, CA
1995 to 1997	Ambulatory Innovations, Inc., Indianapolis, IN
1995 to present	Indiana University School of Medicine
1996 to present	University of Alabama at Birmingham, School of Medicine
2004 to 2005	BL Healthcare, Boston, MA

## **Publications**

### **Books**

1. Anderson, J.G. Bureaucracy in Education, Baltimore: The Johns Hopkins Press, 1968, 218 pp. Library of Congress Catalog Card No. 68-31016
2. Anderson, J.G. and Jay, S.J. (Eds.). Use and Impact of Computers in Clinical Medicine, Invited Volume in the Computers and Medicine Series, Springer-Verlag Publishing Co., New York, Berlin, Heidelberg, Tokyo, 1987, 362 pp. ISBN No. 3-540-96362-6
3. Anderson, J.G., Aydin, C.E., and Jay, S.J. (Eds.). Evaluating Health Care Information Systems: Methods and Applications. Newbury Park, CA: Sage Publications, 1994, 317 pp. ISBN No. 0-8039-4935-9
4. Anderson, J.G. and Goodman, K.W. Ethics and Information Technology: A Case-Based Approach to a Health Care System in Transition. New York: Springer, 2002, 213 pp. ISBN No. 0-387-95308-6
5. Anderson, J.G. and Aydin, C.E. (Eds.). Evaluating the Organizational Impact of Health Care Information Systems. New York; Springer, 2005 346 pp ISBN No. 0-387-24558-8

### **Edited Proceedings**

1. Sullivan, J.D., Clymer, A.B. and Anderson, J.G. (Eds.) Simulation in Emergency Management and Engineering and Simulation in Health Care, San Diego, CA: The Society for Computer Simulation, 1991, 269pp. ISBN No. 0-911801-86-3
2. Anderson, J.G. (Ed). Simulation in Health Care and Social Services, San Diego, CA: The Society for Computer Simulation, 1992, 117pp. ISBN No. 1-56555-010-2
3. Anderson, J.G. and Katzper, M. (Eds.). Simulation in the Health Sciences and Services. San Diego, CA; Society for Computer Simulation, 1993, 116 pp. ISBN No. 1-56555-021-8
4. Anderson, J.G. and Katzper, M. (Eds.). Simulation in the Health Sciences. San Diego, CA: Society for Computer Simulation, 1994, 151 pp. ISBN No. 1-56555-068-4
5. Anderson, J.G. and Katzper, M. (Eds.). Health Sciences, Physiological and Pharmacological Simulation Studies. San Diego, CA: Society for Computer Simulation, 1995, 217 pp. . ISBN No. 1-56555-042-0
6. Anderson, J.G. and Katzper, M. (Eds.). Simulation in the Medical Sciences. San Diego, CA: Society for Computer Simulation, 1996, 225pp. ISBN No. 1-56555-091-9
7. Anderson, J.G. and Katzper, M. (Eds.). Simulation in the Medical Sciences. San Diego, CA: Society for Computer Simulation, 1997, 203 pp. . ISBN No. 1-56555-105-2
8. Anderson, J.G. and Katzper, M. (Eds.) 1998 Medical Sciences Simulation Conference. San Diego, CA: Society for Computer Simulation, 1998, 201 pp. . ISBN No. 1-56555-138-9

9. Anderson, J.G. and Katzper, M. (Eds.) Health Sciences Simulation. San Diego, CA: Society for Computer Simulation, 1999, 216 pp. ISBN No. 1-56555-160-5
10. Anderson, J.G. and Katzper, M. (Eds.) Health Sciences Simulation 2000. San Diego, CA: Society for Computer Simulation, 2000, 198 pp. ISBN No. 1-56555-180-X
11. Anderson, J.G. and Katzper, M. (Eds.) Simulation in the Health and Medical Sciences San Diego, CA: Society for Computer Simulation, 2001, 198 pp. ISBN No. 1-56555-222-9
12. Anderson, J.G. and Katzper, M. (Eds.) Health Sciences Simulation 2002. San Diego, CA: Society for Computer Simulation, 2002, 172 pp. ISBN No. 1-56555-245-8
13. Anderson, J.G. and Katzper, M. (Eds.) Health Sciences Simulation 2003. San Diego, CA: Society for Computer Simulation, 2002, 130 pp. ISBN No. 1-56555-259-8
14. Anderson, J.G. and Katzper, M. (Eds.) Health Sciences Simulation 2004. San Diego, CA: Society for Computer Simulation, 2004, 130 pp. ISBN No. 1-56555-273-3
15. Anderson, J.G. and Katzper, M. (Eds.) Health Sciences Simulation 2005. San Diego, CA: Society for Computer Simulation, 2005, 160 pp. ISBN No. 1-56555-289-X.
16. Anderson, J.G. and R. Huntsinger (Eds.), High Level Simulation Languages and Applications and Health Sciences Simulation, San Diego, CA: CA: Society for Computer Simulation, 2007, 201 pp. ISBN No. 1-56555-311-X.
17. Anderson, J.G. and G. van Merode (Eds.) Health Sciences Simulation 2008. San Diego, CA: Society for Computer Simulation 2008, 129 pp..

### **Editor, Special Journal Issues**

- Anderson, J. G. and M. Katzper (eds.), Simulation in the Health Sciences, *Simulation*. Journal of the Society for Computer Simulation International, Vol. 66, No.4, April, 1996, pp. 201-268.
- Anderson, J.G. and M. Katzper (eds.), Modeling Epidemics, *Simulation*, Journal of the Society for Computer Simulation International, Vol. 71, No.4, October, 1998, pp. 209-294.
- Anderson, J.G. (ed.), Simulation in Health Care Management, *Health Care Management Science*, Institute for Operations Research and the Management Sciences, Vol. 5, No. 2, 2002.
- Anderson, J.G. (ed.), Simulation in Medical Informatics, *Journal of the American Medical Informatics Association*, Vol. 9, No. 5, 2002.
- Anderson, J.G. and G.G. van Merode (eds.), Simulation in Health Care Management, *Health Care Management Science*, Vol. 10, No. 4, 2007.

Maglogiannis, I., C. Skianis and J.G. Anderson (eds.), Performance Modeling and Simulation in Healthcare Information Systems, Simulation: Transactions of the Society for Modeling and Simulation International, Vol. 83, No. 4, 2007.

## Articles

1. Anderson, J.G. "Liquid Phase Diffusion," Vector, The Johns Hopkins University, School of Engineering, 12 (3), March, 1958
2. Anderson, J.G. "Federal Aid to Private Education: Constitutional? Desirable?" The Vox, The Johns Hopkins University, 1 (December 10, 1964), 1-2.
3. Anderson, J.G. "Bureaucratic Rules: Bearers of Organizational Authority," Educational Administration Quarterly, 2 (Winter, 1966), 7-34.

Reprinted in: Educational Administration and the Behavioral Sciences: A Systems Perspective, Eds. M.M. Milstein and J.A. Belasco (Boston: Allyn and Bacon, 1973), pp. 394-423.

Reprinted in: Personnel Management: A Systems Approach, Eds. C.L. Eggert and J.O. Williams (Midland, Michigan: Pendell Publishing Co., 1973).

Translated into Hebrew and Reprinted in: Administration and Education: An Anthology, ed. Rachel Elboim-Dror (Jerusalem: The School of Education of the Hebrew University of Jerusalem and the Ministry of Education and Culture, Achva Press Ltd., 1977), pp. 49-72.

4. Anderson, J.G. "Bureaucratic Rules: A Final Word," reply to Jean Hills' "Some Comments on James G. Anderson's 'Bureaucratic Rules-- Bearers of Organizational Authority,'" Educational Administration Quarterly, 3 (Winter, 1967), 7-10.
5. Anderson, J.G. "The Authority Structure of the School: System of Social Exchange," Educational Administration Quarterly, 3 (Spring, 1967), 130-149.

Reprinted in: Selected Readings on General Supervision, Eds. James E. Heald, Louis Ramano and Nicholas P. Georgiady (New York: Macmillan Co., 1970), pp. 104-119.

Reprinted in: Educational Administration: Selected Readings, Ed. Walter G. Hack (2nd ed., Boston: Allyn and Bacon, Inc., 1971), pp. 249-265.

Reprinted in: The Management of Organizational Conflict, Ed. Kenneth H. Ostrander.

6. Anderson, J.G. "The Teacher: Professional or Bureaucrat?" A reply to Professor Benjamin Solomon's "Comments on the Authority Structure of the School," Educational Administration Quarterly, 3 (Autumn, 1967), 291-300.
7. Anderson, J.G. and D. Safar. "The Influence of Differential Community Perceptions on the Provision of Equal Educational Opportunities," Sociology of Education, 40 (Summer, 1967), 219-230.

Reprinted in: Readings in the Psychology of Classroom Learning, Ed. W. J. Gnagey (New York: Holt, Rinehart, and Winston, 1973).

Reprinted in: Native Americans Today: Sociological Perspectives, Ed. H.M. Bahr, B.A. Chadwick, and R.C. Day, (N.Y.: Harper & Row, 1972), pp. 69-80.

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8. Anderson, J.G. and W.H. Johnson. "Stability and Change Among Three Generations of Mexican-Americans: Factors Affecting Achievement," American Educational Research Journal, 8 (March, 1971), pp. 285-309.

Reprinted in: Educating the Disadvantaged: Yearbook 1970-71, Ed., R.C. Doll (AMS Press, 1971), pp. 236-259.

9. Anderson, J.G. Invited article: "Anticipating the Second-Order Consequences of Health Care Programs," Health Services Research, 7 (Spring, 1972), 5-10.
10. Anderson, J.G. Invited article: "Causal Model of a Health Services System," Health Services Research, 7 (Spring, 1972), 23-42.
11. Edwards, K.J. and J.G. Anderson. "A Factor Analytic Study of the Articulation of Selected English Consonants," Journal of Speech and Hearing Research, 15 (December, 1972), 720-728.
12. Anderson, J.G. "Demographic Factors Affecting Health Services Utilization: A Causal Model," Medical Care, 11 (March-April, 1973), 104-120.
13. Anderson, J.G. "Social Indicators and Second-Order Consequences of Health Care Delivery," AIIE Transactions, 5 (March, 1973), 49-59.
14. Anderson, J.G. "Causal Models and Social Indicators: Toward the Development of Social Systems Models," American Sociological Review, 38 (June, 1973), 285-301.
15. Anderson, J.G. and F. Evans. "The Psychocultural Origins of Achievement and Achievement Motivation: The Mexican-American Family," Sociology of Education, 46 (Fall, 1973), 396-416.
16. Anderson, J.G. "Health Services Utilization: Framework and Review," Health Services Research, 8 (Fall, 1973), 184-199.
17. Anderson, J.G. and D.E. Bartkus. "Choice of Medical Care: A Behavioral Model of Health and Illness Behavior," Journal of Health and Social Behavior, 154 (December, 1973), 348-362.
18. Anderson, J.G. "Effects of Social and Cultural Processes on Health," Journal of Socio-Economic Planning Sciences, 8 (February, 1974), 9-22.

Reprinted in: Policy and Systems Analysis in Health Care, Ed. C.C. Pegels.

19. Bain, R. and J.G. Anderson. "Social Context and Peer Influences on Educational Plans of Adolescents," Review of Educational Research, 44 (Fall, 1974), 429-445.

20. Anderson, J.G. and F. Evans. "Causal Models in Educational Research: Recursive Models," American Educational Research Journal, 11 (Winter, 1974), 29-39.
21. Anderson, J.G. and H.H. Marshall. "The Structural Approach to Physician Distribution: Future Directions for Research," Health Services Research, 9 (Fall, 1974), 195-207.
22. Anderson, J.G. and D.E. Heimann. "An Adaptive Social System Model of a Prepaid Group Practice Plan," Medical Care, 13 (October, 1975), 821-837.
23. Anderson, J.G. "Strategies of Control and Their Effects on Instruction," Journal of Research and Development in Education, 9 (Fall, 1975), 115-122.
24. Anderson, J.G. "Issues in the Delivery of Health Services at the ASA and the APSA," Health Services Research, 10 (Fall, 1975), 305-311.
25. Anderson, J.G. and F. Evans. "Family Socialization and Educational Achievement in Two Cultures: Mexican-American and Anglo-American," Sociometry, 39 (September, 1976), 209-222.
26. Anderson, J.G. "A Social Systems Model of Hospital Utilization," Health Services Research, 11 (Fall, 1976), 271-287.
27. Anderson, J.G. and P. Eggers. "Patterns of Utilization among Members of a Prepaid Group Practice," Inquiry, 13 (December, 1976), 382-294.  
  
Reprinted in: Financing of Health Care, (Chicago: Blue Cross Association, 1979).
28. Anderson, J.G. and D. Bartkus. "Physician Location and Distribution: A Social Systems Approach," Journal of Socio-Economic Planning Sciences, 10 (1976), 213-221.
29. Anderson, J.G. Invited Review Article: "Mathematical Models in the Social Sciences," The Engineering Science Perspective, 2 (September, 1977), 65-77.
30. Anderson, J.G. "A Social Indicator Model of a Health Services System," Social Forces, 55 (December, 1977), 661-687.
31. Anderson, J.G. "Constructing Causal Models: Problems of Units of Analysis, Aggregation and Specification," Health Services Research, 13 (Spring, 1978), 50-60.  
  
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32. Anderson, J.G. "Causal Models in Educational Research: Nonrecursive Models," American Educational Research Journal, 15 (Winter, 1978), 81-97.
33. Wasburn, P. and J.G. Anderson. "Toward a General Model of Political Action: The Case of Picketing," with Philo Wasburn, Voluntary Action Research, 7 (October, 1978), 259-272.
34. Anderson, J.G. "Constructing Causal Models: Critical Issues," Health Services Research, 13 (Fall, 1978), 319-325. eprinted in: Evaluation Studies Review Annual, (Vol. 4), Ed. L. Sechrest (Beverly Hills, CA: Sage Publications, 1979).



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- Reprinted in P. Griffiths (ed.), Nursing Research Methods, Sage Publications, 2009.
36. Gray-Toft, P.A. and J.G. Anderson. "Stress Among Hospital Nursing Staff: Its Causes and Effects," Social Science & Medicine, 15A (September, 1981), 639-647.
37. Anderson, J.G. and S.J. Jay. "Computerized Hospital Information Systems: Their Future Role in Medicine," Journal of the Royal Society of Medicine, 75 (March, 1982), 303-305.
38. Anderson, J.G., S.J. Jay and E.M. Hackman. "The Role of Physician Networks in the Diffusion of Clinical Applications of Computers," with S.J. Jay and E.M. Hackman, International Journal of Bio-Medical Computing, 14 (1983), 195-202.
39. Anderson, J.G. and S.J. Jay. "Utilization of Computers in Clinical Practice - Role of Physician Networks: Preliminary Communication," Journal of the Royal Society of Medicine, 76 (January, 1983), 45-52.
- Abstracted in: Computers in Medicine, 1 (September-October, 1983), 67-68.
40. Gray-Toft, P.A. and J.G. Anderson. "A Hospital Staff Support Program: Design and Evaluation," International Journal of Nursing Studies, 20 (1983), pp. 137-147.
- Abstracted in: Family Practice News, 14 (September 15-30), pp. 3,58.
- Abstracted in: Internal Medicine News & Cardiology News, 17 (October 1-14, 1984), p-. 21.
- Abstracted in: OB.GYN. News, 19 (October 15-31, 1984), p. 356.
- Abstracted in: Pediatric News, 18 (November, 1984), p. 44.
41. Anderson, J.G. and D.E. Bartkus. "Dynamic Models of Social Systems: An Application to the Delivery of Health Services," IIE Transactions, 16 (March, 1984), 44-49.
42. Anderson, J.G. and S.J. Jay. "The Diffusion of Computer Applications in Medical Settings," Medical Informatics, 9 (1984), pp. 251-254.
43. Anderson, J.G. and S.J. Jay. "Physician Utilization of Computers: A Network Analysis of the Diffusion Process," Special Issue on Computers, People, and Productivity, Journal of Organizational Behavior Management, 6 (Fall/Winter, 1984), 21-35.
- Reprinted in: Computers, People, and Productivity, Eds. L.W. Frederiksen and A.W. Riley (New York: Haworth Press, 1985), 21-35.
44. Gray-Toft, P.A. and J.G. Anderson. "Organizational Stress in the Hospital: Development of a Model for Diagnosis and Prediction," Health Services Research, 19 (February, 1985), 753-774.
- Reprinted in: Methodological Advances in Health Services Research, Eds. G.H. DeFriese, T. C. Ricketts, III and J.S. Stein (Ann Arbor, MI: Health Administration Press, 1989), pp. 117-140.

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46. Anderson, J.G. and S.J. Jay. "Computers and Clinical Judgment: The Role of Physician Networks," Social Science & Medicine, 20 (1985), 969-979.
47. Anderson, J.G., J. A. Alexander and B.L. Lewis. "Toward an Empirical Classification of Hospitals in Multihospital Systems," Medical Care, 23 (July, 1985), pp. 913-932.
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51. Gray-Toft, P.A. and J.G. Anderson. "Sources of Stress in Nursing Terminal Patients in a Hospice," Omega, 17 (1986), 27-39.
52. Anderson, J.G. Invited Article, "Structural Equation Models in the Social and Behavioral Sciences: Model Building," Special Issue on Structural Equation Models, Child Development, 58 (February, 1987), 49-64.
53. Anderson, J.G., D.S. Benson, C. Gartner, H. Schweer and R. Kirchgessner. "The Ambulatory Care Parameter: A Structured Approach to Quality Assurance in the Ambulatory Care Setting," QRB, 13 (February, 1987), 51-55.
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58. Anderson, J.G. and S.J. Jay. "The Social Impact of Computer Technology on Physicians," Computers & Society, 20 (October, 1990), 28-33.

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84. Invited Article, Anderson, J. G. "Increasing the Acceptance of Clinical Information Systems," MD Computing, Vol. 16, No.1, January/February, 1999, pp. 62-65.
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10. "Socio-cultural Variations in Response to Illness: A Comparative Study of Anglo-Americans and Spanish-Americans," Purdue University, Department of Sociology and Anthropology, December, 1970.
11. "Remote Area Health Services: Southwest New Mexico. Volume I. Design, Development, and Accomplishments, May, 1970, 513 pp. PB 20B 03, National Technical Information Service, U.S. Department of Commerce, 5285 Port Royal Road, Springfield, Virginia 22151.
12. Remote Area Health Services: Southwest New Mexico, Volume II. Implementation. Volume III. Evaluation, May, 1970, 151 pp. PB 208 104, National Technical Information Service, U.S. Department of Commerce, 5285 Port Royal Road, Springfield, Virginia 22151.
13. Longitudinal Study of Elementary School Effects: Design Instruments and Specifications for a Field Test, with F.D. McDaniel, C.,A. Ames, V. Cicirelli, J.F. Feldhussen, H.M. Felsenthal, R.B. Kane, J.J. Lohmann, A.J. Moe, G.H. Wheatley, Final Report, Contract OEC-0-725283, National Center of Educational Statistics, U.S.O.E., Purdue Educational Research Center, Purdue University, West Lafayette, Indiana, December, 1973.
14. A Report to Executive Vice President and Treasurer F.R. Ford and Executive Vice President and Provost F. Haas on Information Systems Planning, Part One: Recommendations, with K.P. Burns, H.H. Hirschl, F.F. Leimkuhler, B.M. Suddarth and A.B. Whinston, Purdue University, West Lafayette, Indiana, December 6, 1977.
15. A Report to Executive Vice President and Treasurer F.R. Ford and Executive Vice President and Provost F. Haas on Information Systems Planning, Part Two: Background Information and Survey Results, with K.P. Burns, H.H. Hirschl, F.F. Leimkuhler, B.M. Suddarth, A.B. Whinston, Purdue University, West Lafayette, Indiana, December 6, 1977.
16. Stress in the Hospital Environment: Interim Report, with P.A. Gray-Toft, Methodist Hospital of Indiana, Inc., Indianapolis, IN, March, 1979.
17. Stress in the Hospital Environment: Summary Report and Implications for Methodist Hospital, with P.A. Gray-Toft, Methodist Hospital of Indiana, Inc., Indianapolis, IN, May, 1979.
18. Preliminary Proposal for a Center for Outpatient Services (COS), with S.J. Jay, E.M. Hackman, D.J. Minnick, S. West, and J. Ballentine, Methodist Hospital of Indiana, Inc., Indianapolis, IN, August 14, 1981.
19. Ambulatory Care at Methodist Hospital: Current Status and Future Directions, with S.J. Jay, E.M. Hackman, D.J. Minnick, S. West, and J. Ballentine, Methodist Hospital of Indiana, Inc., Indianapolis, IN, August 28, 1981.
20. Cost Analysis of Ambulatory Care at Methodist Hospital, Methodist Hospital of Indiana, Inc., Indianapolis, IN, December 7, 1981.



21. Independent Teaching Hospitals: Toward the Development of a Data Base and a Typology, with S.J. Jay and E.M. Hackman, Division of Academic Affairs, Methodist Hospital of Indiana, Inc., Indianapolis, IN, September, 1982.
22. Patterns of Graduate Medical Education: Some Comparisons Between University and Independent Teaching Hospitals, with S.J. Jay and E.M. Hackman, Div. of Academic Affairs, Methodist Hospital of Indiana, Inc., Indianapolis, IN, February, 1983.
23. An Institutional Analysis of Graduate Geriatric Medical Education, with S.J. Jay and E.M. Hackman, Methodist Hospital of Indiana, Inc., Indianapolis, IN, May, 1983.

### **Papers Presented**

1. Anderson, J. G., "A Little Fellow Follows Me," Keynote Address, 6th Annual pre-Teen Conference, Department of Recreation, Baltimore County, Maryland, January 23, 1965.
2. Anderson, J. G., "Failure of Spanish-American and Indian Children in the Schools of the Southwest," Conference on the Community School, Rough Rock Navajo Demonstration School, Rough Rock, Arizona, December 5-6, 1966.
3. Anderson, J. G., "Failure of the Spanish-American and Indian Student in the Public Schools: A Self-Fulfilling Prophecy," Conference on the Role of New Mexico Administrators in School-Community Interaction, New Mexico Cooperative Research and Study Council, Las Cruces, New Mexico, December 8-9, 1966.
4. Anderson, J. G., "The Authority Structure of the School: System of Social Exchange," 62nd Annual Meeting, American Sociological Association, San Francisco, California, August 28-231, 1967.
5. Anderson, J. G., "Bureaucracy in Education," Seminar, Department of Educational Administration, University of Alberta, Edmonton, Alberta, November 8-11, 1967.
6. Anderson, J. G., "The Systems Approach to Educational Administration," Seminar, Department of Educational Administration, University, of Alberta, Edmonton, Alberta, November 8-11, 1967.
7. Anderson, J. G. and D. Safar, "The Influence of Differential Community Perceptions on the Provision of Equal Educational Opportunity," Annual Meeting of the American Educational Research Association, Chicago, February 6-10. 1968.
8. Anderson, J. G., Discussant, Symposium on Organizational Structure and Behavior, Annual Meeting of the American Educational Research Association, Chicago, February 6-10. 1968.
9. Anderson, J. G., "Future Directions for Educational Administration," Seminar, Graduate School of Industrial Administration, Carnegie-Mellon University, Pittsburgh, Pa., April, 1968.
10. Anderson, J. G and W. J Johnson, "Sociocultural Determinants of Achievement Among Mexican-American Students," National Conference on Educational Opportunities for Mexican Americans, Austin, Texas, April 25-26, 1968.

11. Anderson, J. G., "Achievement and Achievement Motivation Among Mexican-American Students," Seminar, John F. Kennedy Center of Research on Education and Human Development, George Peabody College for Teachers, Nashville, Tenn., May 9, 1968.
12. Anderson, J. G. and W. H. Johnson, "Social and Cultural Characteristics of Mexican-American Families in South El Paso, Texas," Joint Annual Meeting, American Association for the Advancement of Science with the National Council of Teachers of Mathematics, Dallas, Texas, December 26-29, 1968.
13. Anderson, J. G., "Mexican-American Youth in Transition," 46th Annual Meeting, American Orthopsychiatric Association, New York, April 1, 1969.
14. Anderson, J. G., "Measuring Socio-Cultural Change," 11th Annual Meeting, Rocky Mountain Social Science Association, Lubbock, Texas, May 2-3, 1969.
15. Anderson, J. G. and W. H. Johnson, "Social and Cultural Characteristics of Students in South El Paso," 45th Annual Meeting, Southwestern and Rocky Mountain Division, American Association for the Advancement of Science, Colorado Springs, May 9, 1969.
16. Anderson, J. G., Invited paper: "Survey Research: New Decision-Making Tools for Administrators," 3rd Annual Meeting, Society of Research Administrators, San Francisco, July 28-30, 1969.
17. Anderson, J. G., "Social and Cultural Influences on the Achievement of Mexican-American Students," 64th Annual Meeting, American Sociological Association, San Francisco, September 1-4, 1969.
18. Anderson, J. G., Organizer and Chairman, Symposium on Ethnicity, Achievement, and the Achievement Syndrome Among Mexican-Americans and American Indians, Annual Meeting, American Educational Research Association, Minneapolis, March 2-6, 1970.
19. Anderson, J. G. and F. Evans, "The Psychocultural Origins of Achievement and Achievement Motivation among Mexican-Americans," Annual Meeting, Southwestern Sociological Association, Dallas, March 26-28, 1970.
20. Anderson, J. G., Chairman, Minority Relations Panel, Sociology Section, Annual Meeting, Rocky Mountain Social Science Association, Colorado Springs, May 1-2, 1970.
21. Anderson, J. G., Discussant, Sociology of Education Session, 65th Annual Meeting, American Sociological Association, Washington, D.C., August 28-September 3, 1970.
22. Anderson, J. G., Chairman, Session on Administrative Organization and its Impact on Students, Annual Meeting, American Educational Research Association, New York, February, 1971.
23. Anderson, J. G., "Social Indicators and Second-Order Consequences: Measuring the Impact of Innovative Health and Medical Care Delivery Systems " 2nd National Conference on Systems Research for Improving the Delivery of Health Care Services, Hospital and Health Services Division, American Institute of Industrial Engineers, Denver, February 4-5, 1971.
24. Anderson, J. G., Chairman, Panel on the Development of Social Indicators, Annual Meeting, Ohio Valley Sociological Society, Cleveland, April, 1971.

25. Anderson, J. G., "Mexican-American Students in a Metropolitan Context: The Social-Emotional Climate of the Classroom and its Effect on Achievement," 66th Annual Meeting, American Sociological Association, Denver, August 30-September 2, 1971.
26. Anderson, J. G., "Path Analysis: A New Approach to Modeling Health Service Delivery Systems," paper prepared for the Joint National Conference on Major Systems, 40th National Meeting of the Operations Research Society of American, Anaheim, California, October 27-29, 1971.
27. Anderson, J. G., Invited Joint Seminar: "Causal Models and the Evaluation of Health Service Systems," Department of Operations Research and Industrial Engineering, Department of Public Health Administration, The Johns Hopkins University and U.S. Public Health Service Hospital, Baltimore, Maryland, January 25, 1972.
28. Anderson, J. G., Invited Paper: "Social Indicators and Second-Order Consequences: Measuring the Impact of Innovative Health and Medical Care Delivery Systems," Institute on Hospital Management Systems, American Hospital Association, San Francisco, California, February 16-18, 1972.
29. Anderson, J. G. and F. B. Evans, "Causal Models in Educational Research," Annual Meeting, American Educational Research Association, Chicago, Illinois, April 3-7, 1972.
30. Anderson, J. G., "A Structural Equation Model of a Health Care System," 41st National Meeting, Operations Research Society of America, New Orleans, Louisiana, April 28, 1972.
31. Anderson, J. G., "Causal Models and Social Indicators: Toward the Development of Social Systems Models," Annual meeting, Rural Sociological Society, Baton Rouge, Louisiana, August 25-27, 1972.
32. Anderson, J. G., "Demographic Factors Affecting Health Services Utilization: A Causal Model," 67th Annual Meeting, American Sociological Association, New Orleans, Louisiana, August 28-31, 1972.
33. Anderson, J. G. and F. B. Evans, "Family Socialization and Educational Achievement in Two Cultures: Mexican-American and Anglo-American," Annual Meeting, American Educational Research Association, New Orleans, Louisiana, February 25-March 1, 1973.
34. Anderson, J. G., Discussant, Session on Alternative to Bureaucratic Models of Organization, Annual Meeting, American Educational Research Association, New Orleans, Louisiana, February 25-March 1, 1973.
35. Anderson, J. G., Invited Sigma Xi Lecture: "Toward the Development of Social Systems Models," Western Illinois University, Macomb, Illinois, May 14, 1973.
36. Anderson, J. G., Invited Seminar: "Parameter Estimation in Structural Equation Models," Seminar, Department of Mathematics, Western Illinois University, Macomb, Illinois, May 15, 1973.
37. Anderson, J. G., "Structural Equation Models and the Evaluation of Health Services Delivery," Engineering Foundation Conference on Evaluation in Health Services Delivery, South Berwick, Maine, August 19-24, 1973.

38. Anderson, J. G., Chairman, Session on Aspirations and Status Attainment, Annual Meeting, Rural Sociological Society, College Park, Maryland, August 23-26, 1973.
39. Anderson, J. G. and M. Triplett, "Pressures Toward Uniformity in Groups: A Dynamic Structural Equation Model," 69th Annual Meeting, American Sociological Association, Montreal, August 25-29, 1974.
40. Anderson, J. G. and S. Buckley, "Health, Illness, and Sick Role Behavior: A Social Systems Model," 70th Annual Meeting, American Sociological Association, San Francisco, August 25-29, 1975.
41. Anderson, J. G., Organizer and Chairman, Session on Accountability in the Delivery of Health Care: The Sociological Perspective, Annual Meeting, American Political Science Association, San Francisco, September 2, 1975.
42. Anderson, J. G., Director, Workshop, "An Open Systems Model of Medical Education in the United States," Center for Health Administration Studies, Graduate School of Business, University of Chicago, January 8, 1976.
43. Anderson, J. G., Chairman, Session on "Blind Alleys and Blinkers: The Scope of Medical Sociology," presented by Anne Murcott, Cardiff University, Annual Meeting, British Sociological Association, Theme: Medicine in Society, the Sociology of Health and Illness, Owen's Park, Manchester, England, April 6-9, 1976.
44. Anderson, J. G., Chairman, Session on "The Role of the Medical Profession under an Authoritarian Regime," presented by Jesus de Miguel, University of Barcelona, Annual Meeting, British Sociological Association, Theme: Medicine in Society, the Sociology of Health and Illness, Owen's Park, Manchester, England, April 6-9, 1976.
45. Anderson, J. G., "Mathematical Models of Social Change: A Structural Equation Approach," Midwest Sociological Society, St. Louis, Missouri, April 21-24, 1976.
46. Anderson, J. G. and R. J. Lorimor, "A Systems Analysis of the U.S. Medical Education System," Seventh Annual Pittsburgh Conference on Modeling and Simulation, Pittsburgh, Pa., April 26-28, 1976.
47. Anderson, J. G. and D. E. Barkus, "Dynamic Models of Social Systems: An Application to the Delivery of Health Services," Seventh Annual Pittsburgh Conference on Modeling and Simulation, Pittsburgh, Pa., April 26-28, 1976.
48. Anderson, J. G., "A Social Indicator Model of a Health Services System," Annual Meeting, American Sociological Association, New York, August 3-September 3, 1976.
49. Anderson, J. G. and R. J. Lorimor, "An Open Systems Model of Medical Education in the United States," Annual Meeting, American Sociological Association, New York, August 30-September 3, 1976.
50. Anderson, J. G., Invited Lecture, "The Educational Bureaucracy-Input/Power," in the Education in Evolution series sponsored by the Clark County Library District and the Nevada Humanities Committee, a state affiliate of the National Endowment for the Humanities, Las Vegas, Nevada, March 14, 1977.

51. Wasburn, P and Anderson, J. G., "Toward a General Model of Political Action: The Case of Picketing," Annual Meeting, American Sociological Association, Chicago, September 5-8, 1977.
52. Anderson, J. G., "Structural Equation Models and Social Policy Analysis: Utilization of Short Term General Hospitals," Annual Meeting, American Sociological Association, San Francisco, September, 1978.
53. "Structural Equation Models: Their Structural, Reduced and Final Forms," Annual Meeting, American Sociological Association, San Francisco, September, 1978.
54. Anderson, J. G. and P. Gray-Toft, "Stress in the Hospital Environment," Colloquium, Department of Sociology and Anthropology, Purdue University, March, 1979.
55. Anderson, J. G. and P. Gray-Toft, "A Study of Staff Stress," National Seminar on Community Cancer Care, Indianapolis, IN, June, 1979.
56. Anderson, J. G. and P. Gray-Toft, Roundtable, "Sources of Stress in the Hospital Environment," Annual Meeting, American Sociological Association, Boston, August, 1979.
57. Anderson, J. G. and P. Gray-Toft, Invited Paper: "Sources of Stress in Nursing Terminal Patients in a Hospice," National Symposium on the Role of the Community Hospital in Dealing with Life-Threatening Disease and Bereavement, Sponsored by the Foundation of Thanatology, Bethlehem, PA, January 10-12, 1980.
58. Anderson, J. G. and P. Gray-Toft, Invited Paper: "Hospice Care: A Better Way of Caring for the Living," National Symposium on Continuing Care Service: An Alternative Program to the Hospice for Preterminal and Terminal Patients. Sponsored by the Foundation of Thanatology, Columbia-Presbyterian Medical Center, New York, NY, March 13-15, 1980.
59. Anderson, J. G. and P. Gray-Toft, "Evaluating Hospital Staff Support Programs: Design and Analysis," Annual Meeting, American Sociological Association, New York, NY, August 27-31, 1980.
60. Anderson, J. G. and P. Gray-Toft, "Stress among Hospital Nursing Staff: Its Causes and Effects," Annual Meeting, American Sociological Association, New York, NY, August 27-31, 1980.
61. Anderson, J. G. and P. Gray-Toft, Roundtable, "Organizational Stress in the Hospital," Annual Meeting, American Sociological Association, Toronto, August 24-28, 1981.
62. Anderson, J. G., "Ambulatory Care at Methodist Hospital: Past, Present, and Future," Leadership Retreat, Methodist Hospital of Indiana, Inc., Indianapolis, IN, August 28-29, 1981.
63. Anderson, J. G., P.A. Gray-Toft, F.P. Lloyd, and S.J. Jay, "Factors Affecting Physician Utilization of a Computerized Hospital Medical Information System: A Social Network Analysis," with, Fifth Annual Symposium on Computer Applications in Medical Care, Washington, D.C., November 1-4, 1981.

64. Anderson, J. G., "Hospitals and Physicians: A Social Network Analysis of Physicians' Adoption of a Medical Innovation," 10th World Congress, International Sociological Association, Mexico City, August, 1982.
65. Anderson, J. G., "Stress, Burnout, and Turnover among Health Professionals: A Social Network Approach," 10th World Congress, International Sociological Association, Mexico City, August, 1982.
66. Anderson, J. G., "Organizational Stress, Social Support, and Coping: A Social Network Analysis of Hospital Nursing Units," Annual Meeting American Sociological Association, San Francisco, CA, September, 1982.
67. Anderson, J. G., S. J. Jay and E. M. Hackman, "Independent Teaching Hospitals: Toward the Development of a Data Base and a Typology," National Meeting, Consortium of Independent Teaching Hospitals, Kiawah Island, SC, September, 1982.
69. Anderson, J. G., S. J. Jay and E. M. Hackman, "Patterns of Graduate Medical Education: Some Comparisons Between University and Independent Teaching Hospitals," National Meeting, Consortium of Independent Teaching Hospitals, Orlando, FL, February, 1983.
70. Anderson, J. G., J.A. Alexander and B. Lewis, "Patterns of Organizational Structure Among Hospital in Not-for-profit Multihospital Systems," with Invitational Multihospital System Leadership Conference, Phoenix, AZ, March, 1983.
71. Anderson, J. G. Anderson, J. G. and S. J. Jay, Invited Paper: "The Diffusion of Computers in Medicine: A Social Network Approach," National Meeting, The Institute of Management Sciences and Operations Research Society of America, Chicago, April, 1983.
72. Anderson, J. G. and S. J. Jay, AAMSI Award for Outstanding Paper: "Computer Applications in Medicine: Adoption and Utilization," Second Annual National Congress, American Association of Medical Systems and Informatics, San Francisco, May, 1983.
73. Anderson, J. G., "Computers in Medicine," Presentation at the Annual Meeting of the Board of Trustees, Methodist Hospital of Indiana, Indianapolis, IN, June 22, 1983.
74. Anderson, J. G., Organizer and Chairman, Session on "The Hospital in Transition: Factors Affecting Its Role and Organizational Structure," First International Conference on Systems Science in Health-social Services for the Elderly and Disabled, Montreal, July, 1983.
75. Anderson, J. G., S. J. Jay and E. M. Hackman, "Teaching Hospitals in the U.S.: Their Role in Graduate Medical Education in Geriatrics, " First International Conference on Systems Science in Health-Social Services for the Elderly and the Disabled, Montreal, July 10-16, 1983.
76. Anderson, J. G., S.J. Jay and E.M. Hackman, "Innovations in the Delivery of Geriatric Health Care," First International Conference on Systems Science in Health-Social Services for the Elderly and the Disabled, Montreal, July 10-16, 1983.
77. Anderson, J. G., J.A. Alexander, C. Evashwick, and B. Lewis, "Multihospital Systems and the Provision of Care for the Elderly," First International Conference on Systems

- Science in Health-Social Services for the Elderly and the Disabled, Montreal, July 10-16, 1983.
78. Anderson, J. G. and J. A. Alexander, "Hospitals in a Changing Environment: Adaptations for Survival," Roundtable, Annual Meeting, American Sociological Association, Detroit, MI, September, 1983.
  79. Anderson, J. G. and S. J. Jay, "Computers and Clinical Judgment: The Role of Physician Networks," Network Analysis Session, Annual Meeting, American Sociological Association, Detroit, MI, September, 1983.
  80. Anderson, J. G., "Toward a Framework for Medical Information Science: The Diffusion of Computer Technology in Medical Settings," Invitational Workshop on a Framework for Medical Information Science, Seventh Annual Symposium on Computer Applications in Medical care, Baltimore, MD, October 22, 1983.
  81. Anderson, J. G., "Modeling and Simulation of Organizational Stress in a Hospital Setting," Conference on Simulation in Health; Care Delivery Systems, San Diego, CA, February 2-4, 1984,
  82. Anderson, J. G., "Diffusion of a Computer Application Among Physicians: A Network Simulation," Conference on Simulation in Health Care Delivery Systems, San Diego, CA, February 2-4, 1984.
  83. Anderson, J. G. and S. J. Jay, "Computers and Clinical Medicine: Implications for the Practice of Medicine," American Association for Medical Systems and Informatics Congress 84, San Francisco, CA, May, 1984.
  84. Anderson, J. G. and S. J. Jay, "Diffusion of Medical Technology," National Conference on the Social Effects of Computers, University of Rochester, Rochester, NY, June, 1984.
  85. Anderson, J. G., Cochairman, Session on "Health Resources Policy Analysis (Hospital)," Third International Conference on System Science in Health Care, Sponsored by the World Health Organization, Munich, July 16-20, 1984.
  86. Anderson, J. G., S.J. Jay, J. Alexander, E.M. Hackman, and B.L. Lewis, "Multiple Hospital Systems in the United States: A Network Analysis of Their Institutional Structures," Third International Conference on System Science in Health Care, Sponsored by the World Health Organization, Munich, July 16-20, 1984.
  87. Anderson, J. G. and S. J. Jay, "The Diffusion of Computer Applications in Medicine: The Relative Impact of Network Location on Innovation Adoption," Social Network Analysis Session, American Sociological Association, San Antonio, Texas, August, 1984.
  88. Anderson, J. G. and S. J. Jay, "The Diffusion of Medical Technology Social Network Analysis and Policy Research," Jay, Health Care Policy Session, American Sociological Association, San Antonio, Texas, August, 1984.
  89. Anderson, J. G., "The Diffusion of Computer Applications in Medicine," Eighth Annual Symposium on Computer Applications in Medical Care, Washington, DC, November 4-7, 1984.

90. Anderson J. G., S.J. Jay and H.M. Schweer "Physician Perceptions of the Potential Effects of Computers on Medical Practice," American Association for Medical Systems and Informatics Congress 1985, San Francisco, CA, May 20-22, 1985.
91. Anderson, J.G., S.J. Jay, H.M. Schweer, and M.M. Anderson, "Physician Utilization of Computers in Medical Practice: Policy Implications Based on a Structural Model," Ninth International Conference on the Social Sciences and Medicine, Helsinki, Finland, July 8-12, 1985.
92. Anderson, J. G., J.A. Alexander and B.L. Lewis, "Toward an Empirical Classification of Hospitals in Multihospital Systems," Annual Meeting, American Sociological Association, Washington, D.C., Aug 26-30, 1985.
93. Anderson, J. G. and S, J, Jay, "The Impact of Computers on the Practice of Medicine," Annual Meeting American Sociological Association, Washington, DC, August 26-30, 1985.
94. Anderson, J. G., S.J. Jay and H.M. Schweer, "Medical Innovation: A Structural Model," Summer Computer Simulation Conference, Chicago, IL, July 22-26, 1985.
95. Anderson, J. G., S.J. Jay and H.M. Schweer, "Physician Use of a Computer-Based HIS: A Structural Model," 38th Annual Conference on Engineering in Medicine and Biology, Chicago, IL, September 30-October 2, 1985.
96. Anderson, J. G., S.J. Jay and H.M. Schweer, "Perceptions of the Impact of Computers on Medical Practice and Physician Use of a Hospital Information System," Ninth Annual Symposium on Computer Applications in Medical Care, Baltimore, MD, November 10-13, 1985.
97. Anderson, J. G., Session Chairman, Sunbelt VI Social Network Conference, Santa Barbara, CA, February 13-16, 1986.
98. Anderson, J. G., S.J. Jay, H.M. Schweer, M.M. Anderson, and D. Kassing, "Physician Communication Networks and the Adoption of Medical Innovations," Sunbelt VI Social Network Conference, Santa Barbara, CA, February 13-16, 1986.
99. Anderson, J. G. and S. J. Jay, "Hospitals of the Future," AAMSI Congress 1986, Anaheim, CA, May 20-22, 1986.
100. Anderson, J. G., "Health Service in the People's Republic of China: Current Status and Future Trends," AMSI Congress 1986, Anaheim, CA, May 20-22, 1986.
101. Anderson, J. G. and S. J. Jay, "Health Care Delivery Systems of the Future," Second Asian Conference on Health and Medical Sociology, Uragasu, Japan, August 10-14, 1986.
102. Anderson, J. G., S.J. Jay, M.M. Anderson, H.M. Schweer, D. Kassing, "What Makes Doctors Use Computers: A Social Network Analysis," 11th World Congress, International Sociological Association, New Delhi, India, August 18-22, 1986.
103. Anderson, J. G., S.J. Jay, M.M. Anderson, H.M. Schweer, D. Kassing, "The Informal Organization of Medical Practice: New Developments in Organizational Analysis," 81st Annual Meeting, American Sociological Association, New York, Aug 30-Sept 3, 1986.



104. Anderson, J. G., S.J. Jay, H.M. Schweer, and M.M. Anderson, "Modeling Systems under Indirect Observation: A Structural Model of Physician Use of a Computer-Based Hospital Information System," 2nd European Simulation Conference, Antwerp, Belgium, September 9-12, 1986.
105. Anderson, J. G., S.J. Jay, H.M. Schweer, M.M. Anderson, and D. Kassing "The Role of Communication Networks in Physicians' Adoption and Utilization of Computer Technology," MEDINFO 86, 5th World Congress on Medical Informatics, Washington, DC, October 26-30, 1986.
106. Anderson, J. G., "Consultation Networks and the Diffusion of Medical Technology," Two Cultures of Health: A Workshop on Comparative Medical Sociology, University of Illinois, Urbana-Champaign, IL, November 20-22, 1986.
107. Anderson, J. G., S.J. Jay, M.M. Anderson and H.M. Schweer, "The Diffusion of Computer Applications in Medical Practice; A Structural Model," Sunbelt VII Social Network Conference, Clearwater Beach, Florida, February 12-15, 1986.
108. Anderson, J. G., S.J. Jay, H.M. Schweer, and M.M. Anderson "Teaching Physicians to Use a Computer-Based Medical Information System: An Evaluation," AAMSI Congress 1987, San Francisco, CA, May 13-16, 1987.
109. Anderson, J. G., S.J. Jay, H.M. Schweer, and M.M. Anderson, "Physician Attitudes and Use of Computer-Based Medical Information System: A Comparison of House Staff and Medical Staff," AAMSI Congress 1987, San Francisco, CA, May 13-16, 1987.
110. Anderson, J. G., Invited Paper, "United States Health Care in the 21st Century," International Symposium on Health Conduct and Health Care in the Modern Welfare State: United States and FRG," Bad Homburg, West Germany, July 22-25, 1987.
111. Anderson, J. G., Organizer and Session Chairman, "Computers in Organizational Settings," Second International Conference on Human-Computer Interaction, Honolulu, Hawaii, August 11-15, 1987.
112. Anderson, J. G., S.J. Jay, M.M. Anderson, and H.M. Schweer, "Diffusion and Impact of Computers in Organizational Settings: Empirical Findings from a Hospital," Second International Conference on Human-Computer Interaction, Honolulu, Hawaii, August 11-15, 1987.
113. Anderson, J. G., S.J. Jay and M.M. Anderson "Alternative Health Care Delivery Systems for the Aged in the USA," International Conference on Health-Social Services for the Elderly and the Disabled, Perth, Australia, November 16-20. 1987.
114. Anderson, J. G., S.J. Jay, L. Cathcart, M.M. Anderson, and H.M. Schweer, "Network Location and Physician Use of a Hospital Information System: A Structural Equation Model," Sunbelt VIII Social Network Conference, San Diego, CA, February 11-14, 1988.
115. "Assessing the Return on the CME Investment," With S.J. Jay, Congress on Continuing Medical Education, Los Angeles, CA, April 27-May 1, 1988.
116. Anderson, J. G., S.J. Jay, M.M. Anderson, and H.M. Schweer "Why Do Doctors Use Computers? Findings from a Longitudinal Study," AAMSI Congress 1988, San Francisco, CA, May 5-7, 1988.

117. Anderson, J. G., S.J. Jay, L. Cathcart, S.J. Clevenger, D. Kassing, J. Perry, and M.M. Anderson, "A Computer Simulation of Physician Use of a Hospital Information System," AAMSI Congress 1988, San Francisco, CA, May 5-7, 1988.
118. Anderson, J. G., Seminar "Social Impact of Computers in Medicine," Department of Sociology of Sport, Germany Academy for Physical Culture, Leipzig, East Germany, June 17, 1988.
119. Anderson, J. G., Seminar, "Computers in Medicine," Department of Medical Sociology, School of Medicine, Department of Medical Sociology, School of Medicine, Marburg University, West Germany, June 20, 1988.
120. Anderson, J. G., Chairman, Session on Health Care Planning, 4th International Conference on System Science in Health Care, Lyon, France, July 4-8, 1988.
121. Anderson, J. G., J. Jay, L. Cathcart, S.J. Clevenger, D. Kassing, J. Perry, and M.M. Anderson, "Physician Use of Clinical Information Systems: A Computer Simulation Model." 4th International Conference on System Science in Health Care, Lyon, France, July 4-8, 1988.
122. Anderson, J. G., Roundtable, "The Deprofessionalization of American Medicine," 83rd Annual Meeting of the American Sociological Association, Atlanta, GA, August 24-28, 1988.
123. Anderson, J. G. and S, J, Jay, Invited Paper, "Physician Utilization and the Impact on Quality of Care," TDS CEO Forum, Key Biscayne, Florida, October 12-15, 1988.
124. . Anderson, J. G. and S, J, Jay, Invited Paper, "Physician Utilization of HC4000: Quality Impact," Medical Information System Physician Association, National Institutes of Health, Bethesda, MD, November 5, 1988.
125. Anderson, J. G., S.J. Jay, S.J. Clevenger, D. Kassing, J. Perry, and M.M. Anderson, "Physician Utilization of a Hospital Information System: A Computer Simulation Model," Twelfth Annual Symposium on Computer Applications in Medical Care, Washington, DC, November 6-9, 1988.
126. Anderson, J. G., S.J. Jay, J. Perry, M.M. Anderson, and H. Schweer, ,AAMC New Investigator Award, "Informal Communication Networks and Change in Physicians' Practice Behavior," 27th Annual Conference on Research in Medical Education, Association of American Medical Colleges, Chicago, IL, November 11-17, 1988.
127. Anderson, J. G., "Development and Evaluation of a Medical Ethics Curriculum: A Sociological Approach," Medical Ethics Seminar, Indianapolis, IN, April 14-15, 1989.
128. Anderson, J. G., S.J. Jay, L. Cathcart, J. Perry, and M.M. Anderson, "Evaluating Physician Use of a Hospital Information System," AAMSI Congress 1989, San Francisco, CA, May 11-13, 1989.
129. Anderson, J. G., S.J. Jay, J. Perry, and M.M. Anderson, "Diffusion of Computer Applications Among Physicians, International Symposium of Medical Informatics and Education, University of Victoria, B.C., Canada, May 15-19, 1989.

130. Anderson, J. G., S.J. Jay, M.M. Anderson, and S.I. Choi, "Changing Physician Practice patterns: A Quasi-Experimental Study," 6th Annual Meeting of the Association for Health Services Research, Chicago, IL, Jun 18-20, 1989
131. Anderson, J. G., "The Social Impact of Computers on the Practice of Medicine," 84th Annual Meeting of the American Sociological Association, San Francisco, CA, August 9-13, 1989.
132. Anderson, J. G. and M. M. Anderson, "The Social Organization of U.S. Health Care in the 21st Century," 84th Annual Meeting of the American Sociological Association, San Francisco, CA, August 9-13, 1989.
133. Anderson, J. G., S.J. Jay, J. Perry, and M.M. Anderson "Increasing Physician Use of a Computerized Hospital Information System," MEDINFO89, 6th World Congress of Medical Informatics, Singapore, December 10-14, 1989.
134. Anderson, J. G., S.J. Jay, L. Cathcart, S.J. Clevenger, J. Perry, M.M. Anderson, "Computer Simulation Models of Order Entry in a Hospital Information System" Simulation in Business and Management 1990 SCS Western Multiconference, San Diego, CA, January 17-19, 1990.
135. Anderson, J. G., Invited Paper, "Teaching Hospitals: Reflections on Developing a Data Base and a Typology," American Hospital Association Invitational Conference on Community Teaching Hospitals, Atlanta, GA, April, 1990.
136. Anderson, J. G., "Use of Educationally Influential Physicians to Introduce Computer Systems," First Annual Educational and Research Conference, American Medical Informatics Association, Snowbird, Utah, June 20-23, 1990.
137. Anderson, J. G., S.J. Jay, J. Perry, and M.M. Anderson, "Informal Communication Networks and Change in Physicians' Practice Behavior," XIIth World Congress of Sociology, International Sociological Association, Madrid, Spain, July 9-13, 1990.
138. Anderson, J. G. and D. B. Wortman, "Simulation of Reward Structures and Allocation of Effort: An Application of a Network Simulation Language," Annual Meeting of the American Sociological Association, Washington, DC, August 11-15, 1990.
139. Anderson, J. G. and J. Sweet, "The Medicalization of Menopause," Annual Meeting of the American Sociological Association, Washington, DC, August 11-15, 1990.
140. Anderson, J. G. and S. J. Jay, "The Social Impact of Computer Technology on Physicians," Computers and the Quality of Life, Washington, DC, September 13-16, 1990.
141. "Modifying Physician Test-Ordering Behavior in the Outpatient Clinic," with S.J. Jay, J.B. Zimmerer, R. Farid, B. Lucas, M. Rodgers, and M.M. Anderson, IX International Congress of the European Federation of Medical Informatics, Glasgow, Scotland, August 2-23, 1990.
142. Anderson, J. G., S.J. Jay, J.B. Zimmerer, R.S. Farid, and M.M. Anderson "Evaluation of an Intervention Aimed at Modifying Physician Test-Ordering Behavior, Fourteenth Annual Symposium on Computer Applications in Medical Care, Washington, D.C., November 4-7, 1990.

143. Anderson, J. G., S.J. Jay, M. Shah, M. Hamang, S.J. Clevenger, and M.M. Anderson, "Simulation of Hospital Medication Errors," 1991 SCS Western Simulation Multiconference on Simulation in Health Care, Anaheim, CA, January 23-25, 1991.
144. Anderson, J. G., "Simulation Models of Small Group Behavior," SCS Multiconference on Simulation in Health Care, Anaheim, CA, January 23-25, 1991.
145. Anderson, J. G. and C. J. Huang, "Anomie and Deviancy: Reassessing Racial and Social Status Differences," Annual Meeting of the American Sociological Association, Cincinnati, Ohio, August 22-26, 1991.
146. Anderson, J. G., Organizer and Chair, "Panel: Measuring the Organizational Impact of Medical Computer Systems," 15th Annual Symposium on Computer Applications in Medical Care, Washington, DC, November 17-20, 1991.
147. Anderson, J. G. and S. Buckley, "A Social System Model of the Utilization of Health Services," 1992 SCS Western Simulation Multiconference on Simulation in Health Care and Social Services, Newport Beach, CA, January 20-22, 1992.
148. Anderson, J. G., S.J. Jay, M. Shah, M. Hamang, and M.M. Anderson, "A Strategy for Assessing and Monitoring Hospital Medication Errors," Fifth International Conference on System Science in Health Care, Prague Czechoslovakia, June 29-July 3, 1992.
149. Anderson, J. G., "Health Care in the People's Republic of China: A Blend of Traditional and Modern," 87th Annual Meeting of the American Sociological Association, Pittsburgh, PA, August 20-24, 1992.
150. Anderson, J. G. and D. Cadell, "Attitudes of Medical Professionals Toward Euthanasia," 87th Annual Meeting of the American Sociological Association, Pittsburgh, PA, August 20-24, 1992.
151. Anderson, J. G., "Teaching the Human Side of Medicine: A Sociological Perspective," 87th Annual Meeting of the American Sociological Association, Pittsburgh, PA, August 20-24, 1992.
152. Anderson, J. G., S.J. Jay, S. Trajkovski, R. Campbell, A. Haley, and M.M. Anderson, "Determining Clinical Practice Styles from Computer-Based Data," MEDINFO92, 7th World Congress on Medical Informatics, Geneva, Switzerland, September 6-10, 1992.
153. Anderson, J. G., Organizer and chair, "Panel on Evaluating Health Care Information Systems: A Multi-Method Approach," Sixteenth Annual Symposium on Computer Applications in Medical Care, Baltimore, MD, November 8-11, 1992.
154. Anderson, J. G. and D. Revicki, "Gender Differences in Health Care Utilization: A Behavioral Model," 1993 SCS Western Simulation Multiconference on Simulation in the Health Sciences and Services, La Jolla, CA, January 17-20, 1993.
155. Anderson, J. G., S.J. Jay, C. Beville and M.M. Anderson, "The Use of Computer-Based Clinical Simulations to Assess Medical Decision Making," 1993 SCS Western Simulation Multiconference on Simulation in the Health Sciences and Services, La Jolla, CA, January 17-20, 1993.

156. Anderson, J. G., R. Oscarson and Y. Yu "Japan's Health Care System: Western and East Asian Influences," Annual meeting of the Midwest Sociological Society, Chicago, IL, April 7-10, 1993.
157. Anderson, J. G., Organizer and Chair, "Panel on Overcoming Barriers to the Implementation of Electronic Medical Records: Models of Change and Evaluation Strategies," American Medical Informatics Association, St. Louis, MO, May 9-12, 1993. 158. Anderson, J. G., S.J. Jay, C. Beville and M.M. Anderson "The Use of Computer Simulated Cases to Study Factors that Influence Clinical Practice Styles," 5th International Conference on Human-Computer Interaction, Orlando, FL, August 8-13, 1993.
159. Anderson, J. G., "Culture, Health and Medicine in Mexico: A Critical Perspective," 88th Annual meeting of the American Sociological Association, Miami, Beach, FL, August 13-17, 1993.
160. Anderson, J. G., R. Kolodner and Y. Chen "Gatekeepers: Their Role in Information Diffusion among Physicians," Eleventh Annual Meeting of the Society for Applied Sociology, St. Louis, MO, October 14-17, 1993.
161. Anderson, J. G., Organizer and Chair, "Session on the Use of Medical Computer Systems: Social and Organizational Factors," Annual Meeting of the Society for Social Studies of Science, West Lafayette, IN, November 19-21, 1993.
162. Anderson, J. G., "Physician Use of a Hospital Information System: The Role of Social Networks," Annual Meeting of the Society for Social Studies of Science, West Lafayette, IN, November 19-21, 1993.
163. Anderson, J. G., Chair, "Session on Scientometrics," Annual Meeting of the Society for Social Studies of Science, West Lafayette, IN, November 19-21, 1993.
164. Anderson, J. G. and C. J. Huang, "Modeling Racial and Social Status Differences in Deviancy," 1994, SCS Western Simulation Multiconference on Simulation in the Health Sciences, Tempe, AZ, January 24-26, 1994.
165. Anderson, J. G., S.J. Jay, H.C. Weng and M.M. Anderson "Uncertainty and Medical Decision Making: The Use of Computer Simulated Cases," 1994. SCS Western Simulation Multiconference on Simulation in the Health Sciences, Tempe, AZ, January 24-26, 1994.
166. Anderson, J. G., Invited paper, "Social and Ethical Issues in Evaluating Computer-Based Medical Information Systems," First World Congress on Computational Medicine, Public Health and Biotechnology, Austin, TX, April 25-27, 1994.
167. Anderson, J. G., C. Aydin and B. Kaplan, Invited workshop, "Electronic Patient Records: Overcoming Barriers to Computerized Patient Record Systems," National Conference on Mental Health Statistics, Washington, DC. May 31-June 3, 1994.
168. Anderson, J. G., "Creating a National Information Infrastructure for Health Care: Social and Organizational Barriers," 1994 Conference on Computing for the Social Sciences, College Park, MD, June 1-3, 1994.

169. Anderson, J. G., E.J. Lee and M.M. Anderson, "Doctors Perceptions of HMOs: A Comparison of Three Types of Practice," The Institute of Management Science XXXII, Anchorage, Alaska, June 12-15, 1994.
170. Anderson, J. G. and M. M. Anderson, "Health Care Reform and American Medicine: Transformation from Profession to Business," XIII World Congress of the International Sociological Association, Bielefeld, Germany, July 18-23, 1994.
171. Anderson, J. G., Panel, "Ethics and Informatics," 18th Annual Symposium on Computer Applications in Medical Care, Washington, DC, October 5-9, 1994.
172. Anderson, J. G., C.E. Aydin and B. Kaplan. "An Analytical Framework for Measuring the Effectiveness/Impacts of Computer-Based Patient Record Systems," Twenty-eighth Hawaii International Conference on System Sciences, Maui, Hawaii, Jan. 3-6, 1995.
173. Anderson, J. G., Plenary Session, "Integration of CME and Technology," 20th Annual Meeting of the Alliance for Continuing Medical Education, Phoenix, AZ, January 10-14, 1995.
174. Anderson, J. G., S.J. Jay and W. Harshbarger. "Estimating the Cost-Effectiveness of Smoking Cessation Programs," Society for Computer Simulation, Western Multiconference on Health Sciences, Physiological and Pharmacological Simulation Studies. Las Vegas, Nevada, Jan 15-18, 1995.
175. Anderson, J. G., M.M. Anderson and M.E. Rider. "A Simulation Model of the Economic Impact of AIDS," Society for Computer Simulation, Western Multiconference on Health Sciences, Physiological and Pharmacological Simulation Studies. Las Vegas, Nevada, Jan 15-18, 1995.
176. Anderson, J. G., M.M. Anderson and M.E. Rider. "Economic Impact of HIV/AIDS in Rural Areas: The State of Indiana," Conference on HIV/STD in Rural Areas: Prevention Issues, Indiana University, Bloomington, IN, Feb. 9, 1995.
177. Anderson, J. G., L. Casebeer, S. Jay, R. Bausch and B. Sutter,. "Increasing Hypertensive Medication Compliance Using a Patient Informatics Intervention," 1995 Spring Congress of the American Medical Informatics Association, Cambridge, MA, June 25-28, 1995.
178. Anderson, J. G., S. Jay, H.C. Weng, and M.M. Anderson "Study the Effect of Uncertainty on Physicians' Decision Making Using ILIAD, "MEDINFO95, 8th World Congress on Medical Informatics, Vancouver, BC, July 23-28, 1995.
179. Anderson, J. G., A National Satellite Videoconference on AIDS in Rural Communities: Education for Prevention, September 19, 1995.
180. Rider, M. E. and J. G. Anderson, "AIDS, Personal Financial Resources, and Rural Families," Building Healthy Families and Communities, 15th Annual National Rural Families Conference, Kansas State University, Sept 27-29, 1995.
181. Anderson, J. G., Invited Plenary paper, "Computer Simulation in the Health Sciences: Modeling Dynamic Systems." Economia de Los Servicios, Congreso Nacional de Economia. Las Palmas de Gran Canaria: Colegio de Economistas de Las Palmas, Dec 5-7, 1995.

182. Anderson, J. G., W. Harshbarger, J. Woods, S.J. Jay, and M.M. Anderson. "Modeling Cardiovascular Surgery at a Health Care Financing Administration Demonstration Site." *Simulation in the Medical Sciences*. San Diego, CA: Society for Computer Simulation, Jan 14-17, 1996.
183. Anderson, J. G., S.J. Jay and W. Harshbarger. "Modeling the Impact of Adolescent Smoking." *Simulation in the Medical Sciences*. San Diego, CA: Society for Computer Simulation, Jan 14-17, 1996, pp. 206-211.
184. Anderson, J. G. and W. F. Stroup, "A Neural Network Model of the Effects of Gatekeeping on Cardiovascular Surgery," *Simulation in the Medical Sciences*. San Diego, CA: Society for Computer Simulation, Jan 14-17, 1996.
185. Trowbridge,R., W. Dugan, S. Jay, D. Littrell, L. Casebeer, A. Nyhuis, B. O'Toole, and J. G. Anderson, "Determining the Effectiveness of a Clinical Practice Intervention in Changing Analgesic Prescriptions by Medical Oncologists" *Alliance for Continuing Medical Education*, Orlando, FL, Jan 21-24, 1996.
186. Anderson, J. G. and M. M. Anderson, "Modeling the Impact of AIDS in Rural Areas," *HIV/AIDS in Rural Areas: Prevention Issues*, 2nd Annual Conference on Prevention HIV/AIDS, Purdue University, West Lafayette, IN, March 21, 1996.
187. Anderson, J. G., "HIV Epidemiology," *HIV Clinical Conference*, Indiana University School of Medicine, August 6, 1996.
188. Anderson, J. G. and R. Bausch, "Home Monitoring of Blood Pressure: A Health Prevention Strategy Based on the Health Belief Model," *Annual Meeting of the American Sociological Association*, New York, August 16-20, 1996.
189. Anderson, J. G., "Graphically Oriented Simulation: Modeling Dynamic Social Systems," *Annual Meeting of the American Sociological Association*, New York, August 16-20, 1996.
190. Anderson, J. G., R. Bausch, S. J. Jay, "Home Monitoring of Blood Pressure: A Patient Informatics Intervention," *Annual meeting of the American Academy of Family Practitioners*, New Orleans, LA, October 2-6, 1996.
191. Anderson, J. G., S.J. Jay and B.E. Hill. "Changing Physician Practice Patterns using Computer Simulation," *Annual Meeting of the Association of American Medical Colleges*, San Francisco, CA, November 6-12, 1996.
192. Anderson, J. G., S.J. Jay, M.M. Anderson and T.J. Hunt. "Adverse Drug Events in a Teaching Hospital: A Dynamic Model,," *Simulation in the Medical Sciences*. Society for Computer Simulation, Phoenix, AZ, January 12-15, 1997.
193. Anderson, J. G. and M. M. Anderson, "Predicting the Prevalence and Costs of HIV/AIDS: A Computer Simulation," *Simulation in the Medical Sciences*. Society for Computer Simulation, Phoenix, AZ, January 12-15, 1997.
194. Anderson, J. G., R.S. Bausch, L.L. Casebeer, and S.J. Jay. "Home Monitoring of Blood Pressure: A Patient Informatics Intervention,,: Poster Session Abstracts, *American Association of Health Plans*, 1997 Research Conference, New Orleans, LA, April 3-4, 1997.

195. Anderson, J. G., M.M. Anderson and T. Booth, "Preventing Maternal-Infant Transmission of HIV: Social and Ethical Issues," Third Annual Conference on AIDS in Rural Area: Prevention Issues, Indiana University, Bloomington, IN, April 18, 1997
196. Anderson, J. G., S.R. Byrn and M.M. Anderson, "New Drugs for Treatment of AIDS and Cost Implications for the State of Indiana," Third Annual Conference on HIV/IDS AIDS in Rural Area: Prevention Issues, Indiana University, Bloomington, IN, April 18, 1997
197. Anderson, J. G., L.L. Casebeer, R.S. Bausch, and S.J. Jay. "Home Blood Pressure Monitoring to Control Hypertension: A Patient Informatics Intervention," 1997 Spring Congress, American Medical Informatics Association, San Jose, CA: May 28-31, 1997.
198. Anderson, J. G., Panel organizer, "Ethical Issues in Informatics and Community Health." 1997 Spring Congress, American Medical Informatics Association, San Jose, CA: May 28-31, 1997.
199. Anderson, J. G., J. Woods, W. Storer, S.J. Jay, and H.C. Weng, "Evaluation of the Effects of Cardiovascular Surgeon Gatekeepers on the Cost, Quality, and Outcome of Cardiovascular Care," Proceedings World Multiconference on Systemics, Cybernetics and Informatics, Caracas. Venezuela, July 7-11, 1997.
200. Anderson, J. G., "Computer Simulation of Social Phenomena: Clarifying Social Theories." 92nd Annual Meeting of the American Sociological Association, Toronto, Canada, August 9-13, 1997.
201. Anderson, J. G., H.C. Weng, C.E. Aydin, P.N. Rosen, and V.J. Felitti. "Computers in the Examining Room: Evaluating the Social Impact on Practice Patterns," Annual Meeting of the Association of Information Systems, Indianapolis, IN, August 15-17, 1997.
202. Anderson, J. G., S.J. Jay, M. Anderson, and T.J. Hunt. "Evaluating the Potential Effectiveness of Using Computerized Information Systems to Prevent Adverse Drug Events," 1997 American Medical Informatics Association Annual Fall Symposium, Nashville, TN, October 26-29, 1997.
203. Anderson, J. G. and S. J. Jay, "Policy Analysis of Smoking Prevention Programs Targeted at Adolescents: A Computer-Simulation Model," 125th Annual Meeting American Public Health Association, Indianapolis, IN, November 9-13, 1997.
204. S.J. Jay, E. Papke, K. Weaver, V. Timm, S. Tharp, B. Flynn and J. G. Anderson, . "Medicine and Public Health in Indiana: A Crossroads of Opportunity," 125th Annual Meeting American Public Health Association, Indianapolis, IN, November 9-13, 1997.
205. Anderson, J. G., L.L. Casebeer, and M.M. Anderson. "Computer Simulation of Physician Management of Patients with Hypercholesterolemia." Medical Sciences Simulation. Society for Computer Simulation, San Diego, January 11-14, 1998.
206. Anderson, J. G. and M. M. Anderson, "Predicting the Economic Impact of Treatment of HIV-Positive Pregnant Women and Their Newborns," Medical Sciences Simulation. Society for Computer Simulation, San Diego, January 11-14, 1998.
207. Anderson, J. G., "Ethical Issues at the Point of Use," Bridging Knowledge to the Point of Use, 1998 Spring Congress, American Medical Informatics Association, Philadelphia, PA, May 27-30, 1998.



208. Anderson, J. G., Casebeer, R. Kristofco and A. Carillo "Facilitating Adoption of Clinical Practice Guidelines at the Point of Use," Bridging Knowledge to the Point of Use, 1998 Spring Congress, American Medical Informatics Association, Philadelphia, PA, May 27-30, 1998.
209. Anderson, J. G., M.M. Anderson, L.L. Casebeer, R. Kristofco, K.E. Squires, and L. Howell. "Improving Compliance with Antiretroviral Therapy for HIV-Infected Patients: A Dynamic Computer Model," 12<sup>th</sup> World AIDS Conference, Geneva, Switzerland, June 28-July 3, 1998.
210. Anderson, J.G. and M.M. Anderson, "Improving Cholesterol Management Through Improved Patient Compliance," 14<sup>th</sup> World Congress of Sociology, Montreal, August 23-27, 1998.
211. Anderson, J.G. and H.C. Weng, "The Impact of Gatekeeping on Cardiovascular Surgery," Institute of Operations Research and Management Sciences, Seattle, WA, October 25-28,1998.
212. Anderson, J.G., "Ethics and Informatics: Educational Challenges for the Next Millennium," Annual Symposium, American Medical Informatics Association, Orlando, FL, Nov. 7-11, 1998.
213. Anderson, J.G., "Social and Cultural Perspectives in Medical Informatics, Annual Symposium, American Medical Informatics Association, Orlando, FL, Nov. 7-11, 1998.
214. Anderson, J. G., M.M. Anderson, L.L. Casebeer, and R.E. Kristofco. "A Dynamic Model of Antiretroviral Therapy for HIV Infection," Conference on Health Sciences Simulation, Society for Computer Simulation International, San Francisco, CA, January 17-20, 1999.
215. Sayegh, M.A., J.G. Anderson, M.M. Anderson, "A Model of the Epidemiology of Reoccurrent Chlamydia and HIV Infection among Adolescent Females," Conference on Health Sciences Simulation, Society for Computer Simulation International. San Francisco, CA, January 17-20, 1999.
216. Sayegh, M.A., J.G. Anderson, M.M. Anderson, "A Model of Reoccurrent Chlamydial and HIV Infections," 94<sup>th</sup> Annual Meeting of the American Sociological Association, Chicago, IL., August 6-10, 1999.
217. Anderson, J.G., L.L. Casebeer and R.E. Kristofco. "Medcast: Evaluation of an Intelligent Pull Technology to Support the Information Needs of Physicians," Annual Symposium, American Medical Informatics Association, Washington, DC, November 6-10, 1999.
218. Anderson, J. G., M.M. Anderson, L.L. Casebeer, and R.E. Kristofco. "Physician Management of the Care of HIV-Infected Pregnant Women: A Simulation," International Conference on Health Sciences Simulation, San Diego, CA: Society for Computer Simulation, January 23-27, 2000.
219. Sayegh, M.A., J.G. Anderson, M.M. Anderson, "A Theoretical Model of the Behavioral Epidemiology of Chlamydial Infections among Adolescent Females," International Conference on Health Sciences Simulation 2000. San Diego, CA: Society for Computer Simulation, January 23-27, 2000.

220. Anderson, J.G., "Evaluation in Health Informatics: Social Network Analysis," HealNet 5<sup>th</sup> Annual Conference, Toronto, Ontario, Canada, April 2-4, 2000.
221. Anderson, J.G., "Evaluation in Health Informatics: Computer Simulation," HealNet 5<sup>th</sup> Annual Conference, Toronto, Ontario, Canada, April 2-4, 2000.
222. Anderson, J., "Security of the Distributed Electronic Patient Record: A Case-Based Approach to Identifying Policy Issues," Security of the Distributed Electronic Patient Record (EPR), 8<sup>th</sup> Working Conference of the International Medical Informatics Association Working Group 4, Victoria, BC, Canada, June 21-24, 2000.
223. Anderson, J.G., M.M. Anderson, L.L. Casebeer, and R.E. Kristofco. "Care of HIV-Infected Pregnant Women," 13<sup>th</sup> International AIDS Conference, Durban, South Africa, July 9-14, 2000.
224. Sayegh, A., J.G. Anderson, M.M. Anderson, "A Model of Coexisting Chlamydia and HIV Infections: Transmission Dynamics," 13<sup>th</sup> International AIDS Conference, Durban, South Africa, July 9-14, 2000.
225. Anderson, J.G. and M. Brann, "Security of Computerized Medical Information: Threats from Authorized Users," Annual Meeting American Sociological Association, Washington, DC, August 12-16, 2000.
226. Sayegh, A., J.G. Anderson and M.M. Anderson, "A Theoretical Model of the Behavioral Epidemiology of Chlamydial Infections among Adolescent Females," Annual Meeting American Sociological Association, Washington, DC, August 12-16, 2000
227. Anderson, J.G., "Evaluation of Information Technology in the Delivery of Health Care Using Computer Simulation," 7<sup>th</sup> European Conference on Evaluation of Information Technology, Trinity College, Dublin, Ireland, September 28-29, 2000.
228. Anderson, J.G., "Evaluating Clinical Information Systems: A Step Towards Reducing Medical Errors," Systems Approach to Reducing Medical Errors Conference, Healthcare Information and Management Systems Society (HIMSS), Chicago, IL, October 20, 2000.
229. Organizer and Chair, "Panel: Preventing Medical Errors: Technical, Ethical and Social Issues," American Medical Informatics Association 2000 Annual Symposium, Los Angeles, CA, November 4-8, 2000.
230. Anderson, J.G., M.M. Anderson, D. Hensel, "Simulation of the Risk of Acquiring HIV from Partners with Coexisting HIV and STD Infections" International Conference on Health Sciences Simulation, Society for Computer Simulation, Phoenix, AZ, January 7-11, 2001.
231. Sayegh, M.A., J.G. Anderson, M.M. Anderson, "A Simulation Model of HIV/AIDS in Persons 65 and Older," International Conference on Health Sciences Simulation, Society for Computer Simulation, Phoenix, AZ, January 7-11, 2001.
232. Anderson J.G., M.M. Anderson, D. Hensel, "Simulation of the Risk of Sexually Acquiring HIV: A Health Education Program," National Conference on HIV/STD Prevention in Rural Communities: Sharing Successful Strategies II, Sponsored by the Rural Center for AIDS/STD Prevention and the Centers for Disease Control and Prevention (CDC), Indianapolis, IN, April 20-22, 2001.

233. Sayegh M.A., J.G. Anderson J.G., M.M. Anderson, "A Simulation Model of the HIV/AIDS Epidemic in the Elderly Population," National Conference on HIV/STD Prevention in Rural Communities: Sharing Successful Strategies II, Sponsored by the Rural Center for AIDS/STD Prevention and the Centers for Disease Control and Prevention (CDC), Indianapolis, IN, April 20-22, 2001.
234. Anderson, J.G., Invited Paper, "CyberHealthcare: Social, Ethical, Organizational and Technical Issues," 10th World Congress on Health and Medical Informatics, London, UK, September 2-5, 2001.
235. Anderson, J.G., "Reducing Medical Errors," 10th World Congress on Health and Medical Informatics, London, UK, September 2-5, 2001.
236. Anderson, J.G., "Cyberhealthcare and the Physician-Patient Relationship," Annual 2001 American Medical Informatics Association Symposium, Washington, DC, November 3-7, 2001.
237. Anderson, J.G., "E-Healthcare: Some Ethical, Legal and Social Issues," Indiana Dietetic Association, West Lafayette, IN, November 8-8, 2001.
238. Anderson, J.G., M.M. Anderson, D. Hensel, "Simulation of the Risk of Sexually Acquiring HIV: A Web-Based Program for Health Education." 6<sup>th</sup> Annual Meeting, American Sociological Association, Anaheim, CA, August 18-21, 2001.
239. Anderson, J.G., M.M. Anderson, D. Hensel, "Factors Affecting Sexual Activity Among Adolescent Females," International Conference on Health Sciences Simulation. San Antonio, TX, January 27-31, 2002.
240. Anderson, J.G., M.M. Anderson and M. Rainey, "The Effects of Parenting Styles on Adolescent Sexual Experiences," International Conference on Health Sciences Simulation. San Antonio, TX, January 27-31, 2002.
241. Anderson, J.G., "A Systems Approach to Preventing Adverse Drug Events," International Conference on Business Models for Health Information Technology: An EU/US Dialogue, University of Missouri - Columbia, May 14-15, 2002.
242. Anderson, J.G., "Business Models for Health Information Technology," International Conference on Business Models for Health Information Technology: An EU/US Dialogue, University of Missouri - Columbia, May 14-15, 2002.
243. Anderson, J.G. "Sociocybernetics and Changing Physician-Patient Relationships," 15<sup>th</sup> World Congress of Sociology, Brisbane, Australia, July 7-13, 2002.
244. Anderson, J.G. Seminar on "Business Models for healthcare Information Technology," Toward a Safer Health Care System," Information Security Research Centre, Queensland University of Technology, Brisbane, Australia, July 11, 2002.
245. Anderson, J.G., M.M. Anderson, M. Rainey, and D. Hensel, "Simulation of Social Process: The Elaboration of Social theory," Annual Meeting of the American Sociological Association, Chicago, IL, August 17-20, 2002.

246. Anderson, J.G., "How Can We Know about the Real World without Touching It? The Case for Computer Simulation," Healthy Informatics Education Symposium, School of Health Information Science, University of Victoria. Victoria, BC, September 27-28, 2002.
247. Anderson, J. G., "Ethics in Informatics Education: A Case-Based Approach," AMIA 2002 Symposium, San Antonio, TX, November 9-13, 2002.
248. Anderson, J.G., "Implementation Strategies for Health/Medical Informatics," AMIA 2002 Symposium, San Antonio, TX, November 9-13, 2002.
249. Anderson, J. G. and M.M. Anderson, "Computer-Based Order Entry in a Hospital: A Simulation Study," International Conference on Health Sciences Simulation 2003.Orlando, FL, January 19-23, 2003.
250. Weismayer, C., R. Abdulla and J.G. Anderson, "The Impact of Social Isolation on STD Transmission: A Micro-Modeling Approach to Modeling Epidemics in a Network of Heterogeneous Actors," International Conference on Health Sciences Simulation 2003.Orlando, FL, January 19-23, 2003.
251. Weismayer, C., R. Abdulla and J.G. Anderson, "Using Knowledge of Social Communities to Prevent HIV Transmission," National Conference on HIV/STD Prevention in Rural Communities: Sharing Successful Strategies III, Bloomington, IN, March 28-30, 2003.
252. Anderson, J.G. and H.R. Rodriguez, "Social Theory in HIV Prevention Programs: A Survey of Prevention Programs," National Conference on HIV/STD Prevention in Rural Communities: Sharing Successful Strategies III, Bloomington, IN, March 28-30, 2003.
253. Anderson, J.G., "E-Medicine and Health Care Consumers: Current Problems and Possible Resolutions for a Safer Environment," 98th Annual Meeting American Sociological Association, Atlanta, GA., August 16-19, 2003.
254. Anderson, J.G. and M.M. Anderson, "Use of Information Technology by Primary Care Physicians," International Conference on Health Sciences Simulation 2004.Orlando, FL, January 18-22, 2004.
255. Hensel, D. and J.G. Anderson," "Exploring Complementary and Alternative Therapy Use Among An Online Support Community of Brain Tumor Patients and Caregivers," Referred Roundtable, Annual Meeting American Sociological Association, San Francisco, CA, August 14-17, 2004.
256. Anderson, J. G., R. Ramanujam, D. Hensel and M.M. Anderson, "Voluntary Reporting of Medical Errors and Organizational Change: A Simulation Study," International Conference on health Sciences Simulation, New Orleans, LA, January 23-27, 2005.
257. Hensel, D., J.G. Anderson, R. Milhausen, R.A. Crosby and W. L. Yarber, "Exploring Longitudinal Change in Sexual Risk Behaviors: Evidence from the Youth Risk Behavior Survey, 1997-2003," National Conference on HIV/STD Prevention in Rural Communities: Sharing Successful Strategies IV, Bloomington, IN, April 7-9, 2005.
258. Anderson, J.G., R. Ramanujam, D. Hensel and M.M. Anderson, "The Need for Organizational Change in Patient Safety Initiatives," International Colloquiums on Reflections and Realities: How Much Impacts Has Our Health/Medical Informatics

- Research Had on Our Health Care Systems? University of Victoria, BC, Canada, June 3-4, 2005.
259. Anderson, J.G., R. Ramanujam, D. Hensel and M.M. Anderson, "Examining the Importance of Organizational Structure on Voluntary Medical Error Reporting over Time." Paper presented at the 100<sup>th</sup> Annual meeting of the American Sociological Association, Philadelphia, PA, August 13-16, 2005.
  260. Hensel, D. and J.G. Anderson, "Investigating Longitudinal STD/HIV Risk Behaviors among U.S. Rural High School Students." Paper presented at the 100<sup>th</sup> Annual meeting of the American Sociological Association, Philadelphia, PA, August 13-16, 2005.
  261. Anderson, J. G., A. Chaturvedi, D. Lengacher and M. Cibulskis, "Modeling the Health of Refugee Camps: An Agent-based Computational Approach," Nineteenth IEEE International Symposium on Computer-Based Medical Systems, Salt Lake City, Utah, June 22-23, 2006..
  262. Hensel, D.J. and Anderson, J.G. "Comparing Trends in Sexual Risk Taking Among Rural and Non-Rural High School Students: 1997- 2003. Paper presented at the 101<sup>st</sup> Annual meeting of the American Sociological Association, Montreal, Quebec, Canada, August 11-14, 2006.
  263. Anderson, J.G. "Regional Patient Safety Initiatives: The Missing Element of Organizational Change," Annual 2006 American Medical Informatics Association Symposium," Washington, DC, November 11-15, 2006.
  264. Anderson, J.G. "Policy Analysis of Complex Systems: Modeling the Health and Safety of Refugee Communities," International Conference on Health Sciences Simulation, San Diego, CA, January 15-17, 2007.
  265. Ramanujam, R., K. Abrahamson and J.G. Anderson, "Influences on Nurse Perception of Hospital Unit Safety Climate: an HLM Approach," Conference on Today's Information for Tomorrow's Improvements, School of Health Information Science, University of Victoria, BC, February 16-18, 2007.
  266. Bodie, G.D., M.J. Dutta, A. Basu, and J.G. Anderson, "Explaining Demographic Differences in Health Information Seeking on the Internet: An Initial Test of the Integrative Model of E-Health Use," National Communication Association , 2007
  267. Anderson, J.G. and D. Hensel, "Regional Patient Safety Initiatives: The Need for Organizational Interventions," Regenstrief Center for Healthcare Engineering Conference on Transforming Healthcare Delivery, Purdue University, September 18, 2007. "Regional Patient Safety Initiatives: The Missing Element of Organizational Change
  268. Anderson, J.G., "Health Care in America: How Did It Become Big Business and Bad Medicine," Purdue University President's Council, October 5, 2007.
  269. Anderson, J.G., "Why the U.S. Healthcare System Isn't the Best: The Failure of Health Policy," Keynote Address, Oklahoma Sociological Association, Lawton, OK, October 2007
  270. Kushniruk, A., E. Borcki, J.G. Anderson, and M.M. Anderson, "Combining Two Forms of. Simulation to Predict the Potential Impact of Interface Design upon Technology-

- Induced Error in Healthcare,” International Conference on Health Sciences Simulation, SpringSim 08, Ottawa, CA, April 13-16, 2008.
271. Abrahamson, K., J.G. Anderson, M.M. Anderson, and J. Sutter, “Conflict and Burnout among Nursing Staff in Long Term Care Facilities,” International Conference on Health Sciences Simulation, SpringSim 08, Ottawa, CA, April 13-16, 2008.
  272. Anderson, J.G., “Selling Snake Oil: The Marketing of Drugs, Medical Services and Products,” President’s Council, Purdue University, September 25, 2009.
  273. Abrahamson, K., M. Durham, K. Norton, and J. G. Anderson, Can Psychosocial Care for Cancer Patients be Improved? International Conference on Information Technology and Communications in Health (ITCH), Victoria, BC, Canada, February 24-27, 2011.
  274. Juhra, C, E.M. Borycki, A.W. Kushniruk, J.G. Anderson and M.M. Anderson, “Making Eco-Friendly Transportation Safer: Developing Computer-based Simulations to Assess the Impacts of Bicycle Accident Prevention Interventions on Healthcare Utilization,” International Conference on Information Technology and Communications in Health (ITCH), Victoria, BC, Canada, February 24-27, 2011.
  275. Poorman, S. and J.G. Anderson, “Intention to Quit among Certified Nursing Assistants (CNAs) in Nursing Homes,” Gerontological Society of America, 64th Annual Scientific Meeting. Boston, November 18-22, 2011.

### **Professional Activities**

1. Participant, Area Conference on the Role of Higher Education in Urban Affairs, Baltimore, Maryland, March and May, 1965.
2. Participant, U.S. Office of Education, Conference on the Systems Approach, Washington, D.C., December 2, 1966.
3. Participant, Research Training Program on Multivariate Design and Analysis in Educational Research, American Educational Research Association, New York, February 11-15, 1967.
4. Invited Participant, National Research Conference on American Indian Education, Pennsylvania State University, State College, PA, May 24,27, 1967.
5. Participant, U.S. Office of Education, Symposium on Operations Analysis of Education, Washington, D.C., November 19-22, 1967.
6. Participant, Research Training Program on the Design and Analysis of Comparative Experiments, American Educational Research Association, Lake Geneva, Wisconsin, February 3-7, 1968.
7. Invited Participant, National Conference on Educational Opportunities for Mexican-Americans, Austin, Texas, April 25-26, 1968.
8. Participant, National Symposium for Professors of Educational Research, 2nd Annual Meeting, University of Colorado, Boulder, November 19-21, 1968.

9. Director, Research Training Program on Survey Research in Education, Sponsored by the American Educational Research Association under a grant from the U.S. Office of Education, University of Maryland, College Park, Maryland, March 28-April 1, 1968.
10. Invited Participant, Exploratory Conference on Equal Educational Opportunity for Indian Americans, Sponsored by the NEA, Center for Human Relations, Warm Springs Indian Reservation, Warm Springs, Oregon, September 27-29, 1969.
11. Participant, National Symposium for Professors of Educational Research, 3rd Annual Meeting, University of Chicago, Chicago, November 10-12, 1969.
12. Director, Research Training Program on Survey Research in Education, Sponsored by the American Educational Research Association, Minneapolis, February 26-March 3, 1970.
13. Invited Participant, National Conference on School Non-Attendees, Bureau of the Handicapped, U.S. Office of Education, Washington, D.C., June 25-27, 1970.
14. Invited Participant, Second National Conference on Systems Research for Improving the Delivery of Health Care Services, Hospital and Health Services Division, American Institute for Industrial Engineers, Denver, February 4-5, 1971.
15. Faculty, Institute on Hospital Management Systems, American Hospital Association, San Francisco, February 16-18, 1972.
16. Invited Participant, NSF Summer Institute on Computer Science in Social and Behavioral Science Research, University of Colorado, Boulder, Colorado, June 12-July 14, 1972.
17. Visiting Social Scientist, Health Services Research Center, Kaiser Foundation Hospitals, Portland, Oregon, July 15-August 15, 1972.
18. Participant, Faculty Institute on Medical Care Teaching, Sponsored by the American Public Health Association, University of Michigan, Ann Arbor, Michigan June 11-22, 1973.
19. Participant, Engineering Foundation Conference on Evaluation in Health Services Delivery, South Berwick, Maine, August 19-24, 1973.
20. Chairman, Grissom-Chaffee Memorial Seminar, Purdue University, West Lafayette, Indiana, 1973-74.
21. Invited Participant, NSF Summer Workshop on Computer Science in Social and Behavioral Science Education, University of Colorado, Boulder, Colorado, July 22-August 23, 1974.
22. Invited Participant, Invitational Conference on Health Survey Research Methodology, Sponsored by the National Center for Health Services Research and the National Center for Health Statistics, Airlie House, Airlie, Virginia, April 30-May 2, 1975.
23. Consulting Editor, American Educational Research Journal, 1975 to 1978.
24. Member, Technical Committee on Engineering Approaches to Societal Problems, Society of Engineering Science, 1977 to 1980.

25. Member, Purdue University Information Systems Planning Committee, Appointed by Provost F. Haas and Treasurer F.R. Ford, 1976-77.
  26. Session Chairman, Conference on the United States as an Adopter of International Technology, Sponsored by the Committee on Modernization and Development and the Office of International Education and Research, Purdue University, West Lafayette, Indiana, April 4-5, 1977.
  27. Invited Participant, National Invitational Conferences on School Organization and Effects, sponsored by the National Institute of Education, San Diego, California, January 27-29, 1978.
  28. Participant, Tenth World Congress of the International Sociological Association, Mexico City, Mexico, August, 1982.
  29. Session Chairman, First International Conference on Systems Science in Health Social Services for the Elderly and Disabled, Montreal, Canada, July 10-16, 1983.
  30. Participant, Workshop on Structural Equation Modeling with LISREL, Conducted by Karl Joreskog, Chicago, IL, September 19-21, 1983.
  31. Invited Participant, Workshop on a Framework for Medical Information Science, Seventh Annual Symposium on Computer Applications in Medical Care, Baltimore, MD, October 23-25, 1983.
  32. Session Chairman, Third International Conference on Systems Science in Health Care, Munich, Germany, July 16-20., 1984.
  33. Invited Member AAMSI Delegation to the Chinese Medical Informatics Association, Beijing, Xian, Shanghai, Guangzhou, China, May 22-June 9, 1985.
  34. Participant, Ninth International Conference on the Social Sciences and Medicine, Helsinki, Finland, July 8-12, 1985.
  35. Participant, Second Asian Conference on Health and Medical Sociology, Uragasu, Japan, August 11-14, 1986.
  36. Participant, Eleventh World Congress of the International Sociological Association, New Delhi, India, August 18-22, 1986.
  37. Participant, Second European Simulation Congress, Antwerp, Belgium, September 9-12, 1986.
  38. Invited Participant, International Symposium on Health Conduct and Health Care in the Modern Welfare State: United States and FRG," Bad Homburg, West Germany, July 22-25, 1987.
  39. Session Organizer and Chairman, Second International Conference on Human-Computer Interaction, Honolulu, Hawaii, August 10-15, 1987.
  40. Invited Participant, Conference on Quality and Cost-Conscious Cardiovascular Care: Role of Decision Modeling, McCormick Creek State Park, IN, October 4-6, 1987.
- Informatics, 1986-1989.



45. Member, Publications Committee, American Association for Medical Systems and Informatics, 1988-1989.
46. Coeditor, Computers in Medicine Series, MacMillan Press, Ltd.
47. Invited Participant, Symposium on Designing for Technological Change: People in the Process, National Academy of Engineering, National Research Council Commission on Behavioral and Social Sciences Education, Irvine, CA, March 13-14, 1989.
48. Invited Participant, Medical Ethics Seminar, Indianapolis, IN, Dec 9-10, 1988; Jan 13-14, 1989; Feb 10-11, 1989, Apr 13-14, 1989.
49. Organizer and Chair, Session on Educational Strategies for the Introduction of Computer-Based Systems to Medical Practitioners, First Annual Educational and Research Conference, American Medical Informatics Association, Snowbird, Utah, June 20-23, 1990.
50. Chair: Session on Computers and Health Care, Computers and the Quality of Life, Washington, D.C., September 13-16, 1990.
51. General Chair, Society for Computer Simulation, Western Simulation Multiconference on Simulation in Health Care, Anaheim, CA, January 23-25, 1991.
52. Member Advisory Board, JAI Research Annual on social Sciences and Computers, 1991 to present.
53. Member Editorial Advisory Board, Journal of Sociology, 1991 to Present.
54. Organizer and Chair, Panel: Measuring the Organizational Impact of Medical Computer Systems, 15th Annual Symposium on Computer Applications in Medical Care, Washington, DC, November 17-20, 1991.
55. General Chair, Society for Computer Simulation, Western Simulation Multiconference on Simulation in Health Care, Newport Beach, CA, January 20-22, 1992.
56. Organizer and Chair, Panel on Evaluating Health Care Information Systems: A Multi-Method Approach, 16th Annual Symposium on Computer Applications in Medical Care, Baltimore, MD, November 8-11, 1992.
57. General Chair, Society for Computer Simulation, Western Simulation Multiconference on the Health Sciences and Services, La Jolla, CA, January 17-20, 1993.
58. Organizer and Chair, Panel on Overcoming Barriers to the Implementation of Electronic Medical Records: Models of Change and Evaluation Strategies, American Medical Informatics Association Congress, St. Louis, MO, May 9-12, 1993.
59. Chair, Session on Help and Training, 5th International Conference on Human-Computer Interaction, Orlando, FL, August 8-13, 1993.
60. Chair, Session on User Aspects, 5th International Conference on Human-Computer Interaction, Orlando, FL, August 8-13, 1993.
61. Member of the Citizen Ambassador Program, Medical Informatics Delegation to Hungary and Russia, September 25-October 9, 1993.

62. Organizer, Tutorial: Evaluating the Organizational Impact of Computer-Based Medical Information Systems, 17th Annual Symposium on Computer Applications in Medical Care, Washington, DC, October 31-November 3, 1993.
63. General Chair, Society for Computer Simulation, Western Simulation Multiconference on Simulation in the Health Sciences, Tempe, AZ, January 23-26, 1994.
64. Chair, Health Care Applications VI, The Institute of Management Sciences XXXII, Anchorage, Alaska, June 12-15, 1994.
65. Chair, Issues of Social Power and Autonomy among the Elderly and the Disabled, XIII World Congress of the International Sociological Association, Bielefeld, Germany, July 18-23, 1994.
66. Workshop, "Applications of Simulation Technology to CME: Modeling CME to Enhance Education, Patient Care and Research," with S.J. Jay, 20th Annual Meeting of the Alliance for Continuing Medical Education, Phoenix, AZ, January 10-14, 1995.
67. General Chair, Society for Computer Simulation, Western Multiconference on Health Sciences, Physiological and Pharmacological Simulation Studies, Las Vegas, NE, January 15-18, 1995.
68. Chair, Organizational Development - Applied Research and Experiences, MEDINFO '95, 8th World Congress on Medical Informatics, Vancouver, BC, Canada, July 23-27, 1995.
69. "AIDS in Rural Communities: Education for Prevention," A National Satellite Video Conference, September 19, 1995.
70. Invited participant, Bioethics Workshop, Purdue University, West Lafayette, IN, May 12-15, 1996.
71. Invited participant, "Social Determinants of Sexually Transmitted Diseases: Setting the Agenda," Conference, University of Alabama, Birmingham, AL, May 23, 1996.
72. General chair, Society for Computer Simulation, Western Multiconference on Simulation in the Medical Sciences, San Diego, CA, January 14-17, 1996.
73. Coeditor, Special Issue on Simulation in the Health Sciences, Simulation, The Journal of the Society for Computer Simulation, 1996.
72. General chair, Society for Computer Simulation, Western Multiconference on Simulation in the Medical Sciences, Phoenix, AZ, January 12-15, 1997.
73. Member, Program Committee, Simulation and Informatics in Health Care, World MultiConference on Systemics Cybernetics and Informatics, Caracas, Venezuela, July 7-11, 1997.
74. Chair, Session on Systemics, Cybernetics and Informatics in Biology and Medicine, World Multiconference on Systemics, Cybernetics and Informatics, Caracas, Venezuela, July 7-11, 1997.
75. General Chair, Society for Computer Simulation, Western Multiconference on Medical Sciences Simulation, San Diego, CA, January 11-14, 1998.

76. Seminar, Structural Equation Models in the Health Sciences, Indiana University School of Nursing, April 23, 1998.
77. Invited editor, Special Issue on Modeling Epidemics, Simulation, The Journal of the Society for Computer Simulation, 1998.
78. Member, Program Committee, World Multiconference on Systemics, Cybernetics, and Informatics, Orlando, FL, July 20-24, 1998.
79. General Chair, Society for Computer Simulation, Western Multiconference, International Conference on Health Sciences Simulation, San Francisco, CA, January 17-20, 1999.
80. . Organizer, Tutorial: Evaluating the Organizational Impact of Computer-Based Medical Information Systems, American Medical Informatics Association 1999 Annual Symposium, Washington, DC, November 6-10, 1999.
81. Member Scientific Program Committee, Annual Symposium, American Medical Informatics Association, November 6-10, 1999.
82. Editor, Issues and Insights column, MD Computing, 1999-2001.
83. General Chair, Society for Computer Simulation, Western Multiconference, International Conference on Health Sciences Simulation, San Diego, CA, January 23-27, 2000.
84. Member Scientific Program Committee, Security of the Distributed Electronic Patient Record (EPR), 8<sup>th</sup> Working Conference of the International Medical Informatics Association Working Group 4, Victoria, BC, Canada, June 21-24, 2000.
85. Member Editorial Board, Journal of the American Medical Association, 2000 –Present.
86. Organizer, Tutorial: Evaluating the Organizational Impact of Computer-Based Medical Information Systems, American Medical Informatics Association 2000 Spring Congress, Boston, MA, May 23-25, 2000.
87. Organizer, Tutorial: Evaluating the Organizational Impact of Computer-Based Medical Information Systems, American Medical Informatics Association 2000 Annual Symposium, Los Angeles, CA, November 4-8, 2000.
88. Member, Student Paper Evaluation Committee, American Medical Informatics Association 2003 Annual AMIA Fall Symposium, Washington Los Angeles, CA, November 4-8, 2000
89. General Chair, Society for Computer Simulation, Western Multiconference, International Conference on Health Sciences Simulation, Phoenix, AZ, January 7-11, 2001.
90. Invited Editor, Special Issue on Simulation in Health Care Management, Health Care Management Science, Institute for Operations Research and Management Sciences, 2001.
91. Invited Editor, Special Issue on Simulation in Medical Informatics, Journal of the American Medical Informatics Association, American Medical Informatics Association, 2002.
92. Chair, Ethical, Legal and Social Issues Track, 10<sup>th</sup> World Congress on Health and Medical Informatics, London, UK, September 2-5, 2001.

93. Organizer, Tutorial: Evaluating the Organizational Impact of Computer-Based Medical Information Systems, American Medical Informatics Association 2001 Annual AMIA Fall Symposium, Washington, DC, November 3-7, 2001.
94. General Chair, Society for Computer Simulation, Western Multiconference, International Conference on Health Sciences Simulation, San Antonio, TX, January 27-31, 2002.
95. Organizer and Chair, Sessions on The Impact of Information and Communications Technology Developments on Educational Institutions, Business Organizations and Communities, 15<sup>th</sup> World Congress of Sociology, Brisbane, Australia, July 7-13, 2002.
96. Co-Organizer, HIV Prevention Guidelines for America's Native Peoples: American Indians/Alaskan Natives/Native Hawaiians Conference, Indiana University, Bloomington, IN August 18-21, 2002
97. Member, Board of Directors, Society for Modeling and Simulation International (SCS) 2002-2004.
98. Organizer, Tutorial: Evaluating the Organizational Impact of Computer-Based Medical Information Systems, American Medical Informatics Association 2002 Annual AMIA Fall Symposium, San Antonio, TX, November 9-13, 2002.
99. General Chair, Society for Computer Simulation, Western Multiconference, International Conference on Health Sciences Simulation, Orlando, FL, January 27-31, 2003.
100. Member, Scientific Program Committee, IMIA Working Group on Education 2003 Conference: Teach Globally, Learn Locally: Innovations in Health and Biomedical Informatics Education in the 21<sup>st</sup> Century, Portland, OR, April 23-25, 2003.
101. Chair, Session on Communication and Information Technologies, 98<sup>th</sup> Annual Meeting, American Sociological Association, Atlanta, GA, August 16-19, 2003.
102. Co-Organizer, Tutorial: Identifying People, Organizational and Social Issues through Evaluation, American Medical Informatics Association 2003 Annual AMIA Fall Symposium, Washington, DC, November 8-12, 2003.
103. Member, Poster Committee, Scientific Program Committee, American Medical Informatics Association 2003 Annual AMIA Fall Symposium, Washington, DC, November 8-12, 2003.
104. General Chair, Society for Computer Simulation, Western Multiconference, International Conference on Health Sciences Simulation, San Diego, CA, January 18-23, 2004.
105. Participant, American College of Medical Informatics Symposium on the Electronic Medical Record, San Diego, CA, February 12-15, 2004.
106. Member Peer Review Panel, Health of the Population, SBIR/STTR, National Institutes of Health (NIH), Washington, DC, July 14-16, 2004.
107. Member Peer Review Panel, Health of the Population, SBIR/STTR, National Institutes of Health (NIH), Washington, DC, November 3-5, 2004.

108. General Chair, International Society for Computer Modeling and Simulation, Western Multiconference, International Conference on Health Sciences Simulation, New Orleans, LA , January 23-27, 2005.
109. Member Scientific Program Committee, American Medical Informatics Association, 2005 AMIA Fall Symposium, Washington, DC, November 2005.
110. Member, Scientific Program Committee, International Medical Informatics Association Working Group 4: Data Protection, Conference, Dijon, France April 27-29, 2006.
111. Member Editorial Board, *Current Drug Safety*, 2005 - Present.
112. Member Editorial Board, *International Journal of Health Information Systems and Informatics*, 2005 – present.
113. Member Peer Review Panel, Health of the Population, SBIR/STTR, National Institutes of Health (NIH), Washington, DC, March 2-4. 2005
- 114 General Chair, Society for Computer Modeling and Simulation International, Western Multiconference, International Conference on Health Sciences Simulation, San Diego, CA, January 14-17, 2007.
- 115 Member Editorial Advisory Board, *Advances in Healthcare Information Systems and Informatics*, 2007-2009.
- 116 Associate Editor, *Advances in Healthcare Information Systems and Informatics*, Hershey, PA: Idea Group Publishing. 2007-Present.
- 117 Organizer and Chair, Session on Health Organizational Management, Regenstrief Center for Healthcare Engineering Conference on Transforming Healthcare Delivery, Purdue University, September 18, 2007.
- 118 General Chair, Society for Computer Modeling and Simulation International, SpringSim'08, International Conference on Health Sciences Simulation, Ottawa, Canada, April 13-16, 2008.
- 119 Member Scientific Program Committee, American Medical Informatics Association, 2008 AMIA Fall Symposium, Washington, DC, November 2008..
120. Member Study Section, Ambulatory Safety and Quality Program: Improving Management of Individuals with Complex Healthcare Needs through Health IT, Agency for Healthcare Research and Quality (AHRQ), DHHS, Washington, ,DC, June 18-20, 2008.
121. Member Study Section, Health Care Technology and Decision Sciences, Agency for Healthcare Research and Quality (AHRQ), DHHS, Washington, ,DC, June 18-19, 2009.
122. Member Peer Review Panel, Congressionally Directed Medical Research Program, Clinical Trial Awards, American Institute of Biological Sciences, Reston, VA, June 29 – July 1, 2009.

123. Member Study Section, Health Care Technology and Decision Sciences, Agency for Healthcare Research and Quality (AHRQ), DHHS, Washington, ,DC, October 19-20, 2009.
124. Organizer and Chair, Panel on “Health Information Technology-Induced Errors: Identification and Prevention,” 2009 AMIA Fall Symposium, San Francisco, CA, November 14-18, 2009.
125. Member Study Section, Health Care Technology and Dissemination Sciences, Agency for Healthcare Research and Quality (AHRQ), DHHS, Washington, ,DC, February 23-24, 2010.
126. Appointed Member of the Health Care Technology and Dissemination Sciences Study Section, Agency for Healthcare Research and Quality (AHRQ), DHHS, February 1, 2010 – September 30, 2013.
127. Member of the Peer Review Panel for the Office of the National Coordinator for Health Information Technology U.S. Department of Health and Human Services, February 9-10, 2010.
128. Member Steering Committee, Workshop on Interactive Systems in Healthcare, ACM CHI 2010 Conference, Atlanta, GA, April 9-11,2010.
129. Associate Editor, International Journal of Reliable and Quality E-Healthcare, 2010 to present.
130. Member, Organizing Committee, International Conference Addressing Information Technology and Communication in Health (ITCH), University of Victoria, BC, Canada, February 24-27, 2011.
131. Co-Organizer, Tutorial: Sociotechnical Design and In-Situ Evaluation for Health Information Technology, American Medical Informatics Association 2011 Annual AMIA Fall Symposium, Washington, DC, October 22-26, 2011.

### **Research Grants**

1. Principal Investigator, "Applicability of the Bureaucratic Model to the Organizational Structure of the School," Cooperative Research Project S-043, U.S. Office of Education, 1963-64.
2. Principal Investigator, "Study of the Effects of Social and Cultural Factors on Educational Achievement and Achievement Motivation among Mexican-Americans," Southwest Educational Development Laboratory, Austin, Texas, 1967-69.
3. Director of Social Sciences, "A Remote Area Health Services Research, Demonstration, and Evaluation Project," Contract HSM 110-69-2443, National Center for Health Services Research and Development, U.S. Department of Health, Education, and Welfare, 1969-70.
4. Summer Faculty Research Grant, "Social Indicators and Second-Order Consequences: Measuring the Impact of Innovative Health and Medical Care Delivery Systems," Purdue University, 1971-72.

5. David Ross Research Grant, "A Study of Social and Cultural Influences on Patterns of Learning," Purdue University, 1971-73.
6. R.L. Eichhorn, A.B. Anderson, and J.G. Anderson, U.S. Department of Health, Education and Welfare, Public Health Service, Training Grant, Evaluation of Health Services Delivery Systems, July 1, 1971, to June 30, 1976.
7. E. McDaniel, J. Feldhusen, R. Kane, H. Felsenthal, A. Moe, V. Cicirelli, G. Wheatley, J.G. Anderson, U.S. Department of Health Education and Welfare, Office of Education. The Design of the Longitudinal Study of First Grade Children, July 1, 1972 to June 30, 1973.
8. David Ross Research Grant, "Physician Manpower in Indiana: A Structural Equation Model of Supply, Demand, and Distribution of Physicians," Purdue University, 1973-75.
9. Biomedical Engineering Center Grant, "The Development of Structural Equation Models and Computer Simulation Models for the Improvement of Physician Manpower in Indiana," 1973-74;1974-75.
10. David Ross Research Grant, "A Structural Analysis of Medical Specialization," Purdue University, 1975-77.
11. Summer Research Grants, "A Study of Factors Affecting the Distribution of Primary Care Physicians in Indiana," Regenstrief Institute for Health Care, Indiana University School of Medicine, 1975; 1976.
12. David Ross Research Grant, "Role Conflict, Staff Burn-Out, and Turnover among Hospital Nursing Staff," Purdue University, 1980-81.
13. Principal Investigator, "Factors Affecting Physician Utilization of a Hospital Information System," National Center for Health Services Research, U.S. DHHS, Grant No. HS04774, 1982-1984.
14. Summer Research Grant, "Use of a Computer-Based Hospital Information System to Reduce Costs and Improve Physician Drug Prescribing Behavior," Center for Public Policy and Public Administration, Schools of Engineering, Purdue University, 1985.
15. Principal Investigator, "Communication Networks and Physician Use of a HIS," National Center for Health Services Research and Health Care Technology Assessment, U.S. DHHS Grant No. HS05398, 1986-87.
16. Co-Director, Rural Center for AIDS/STD Prevention, U.S.D.A. Grant, 1994- 2006
17. Fellow, Center for Social and Behavioral Science Research, School of Liberal Arts, Purdue University, Spring, 1994.
18. Co-Principal Investigator, "Evaluating the Effects of Interactive Computer Simulation for CME," Society of Medical College Directors of CME Research Endowment Fund, 1996.
19. Conference Grant, Center for Disease Control and Prevention (CDC), 1999.

20. Principal Investigator, "A Self-Efficacy Model of the Behavioral Epidemiology of Reoccurrent Chlamydia Among Middle Adolescent Females," Kinley Trust Award, Purdue University, W. Lafayette, IN, July 1, 2000-June 30, 2001.
21. Co-Principal Investigator, Cooperative Agreement Program for Rural HIV/AIDS Prevention and Education, Centers for Disease Control and Prevention (CDC), 2000-2005.
22. Principal Investigator, "Critical Social, Legal and Ethical Issues in Information Use and Abuse in Health Care: A Comparison of the U.S., Canada and Germany," Center for Education and Research in Information Assurance and Security (CERIAS), Purdue University, September 1, 2001 – August 31, 2002.
23. Principal Investigator, "Development and Evaluation of a Diabetic e-Management System (DEMS), School of Technology Interdisciplinary Innovation Initiative, Purdue University, July 1, 2003-June 30, 2004.
24. Co-Investigator, Purdue Regenstrief Center for Health Care Engineering, Regenstrief Foundation, Indianapolis, IN, 2005-2007.
25. Principal Investigator, "Organizational Learning from Voluntary Medication Error Reporting Systems: A Simulation Model," Regenstrief Center for Health Care Engineering, January 2005- December 2005.
26. Principal Investigator, "Role Conflict between Family Members and Nursing Staff in the Long Term Care Setting: Effect on Nursing Job Satisfaction," PRF Research Grant, 2007-2008.

### **Professional Societies**

- American Educational Research Association  
Treasurer, Special Interest Groups, Professors of Educational Research, 1969-71.
- American Sociological Association  
Chair, Section on Sociology and Computers, 2000-2001.
- American Association of University Professors  
Treasurer, New Mexico State University Chapter, 1968-69.
- American Public Health Association
- American Association for Medical Systems and Informatics  
Member International Affairs Committee, 1986-1989  
Member Publications Committee, 1988-1989  
Member Nominating Committee, 1988-1989
- American Medical Informatics Association  
Member International Affairs Committee, 1994-1998  
Member Clearinghouse Task Force, 1994-1995  
Fellow, American College of Medical Informatics 2003 - present



Treasurer, Working Group on Ethical, Legal and Social Issues, 1996-1998  
Chair, Working Group on Ethical, Legal and Social Issues, 1998- 2000  
Editorial Board, *Journal of the American Medical Informatics Association*, 2000-  
present  
Chair, Quality Improvement Working Group 2003-2005  
Member, AMIA Working Group Steering Committee, 2002-2004

Association for Computing Machinery, 1992 to present

Association of University Evening Colleges  
Member of the National Research Committee, 1965-66.

International Sociological Association

International Network for Social Network Analysis

International Society for System Science in Health Care

Institute for Operations Research and the Management Sciences, 1994 to present

Phi Delta Kappa, The Johns Hopkins University Chapter  
Member of the Program Committee, 1964-65.  
Member of the Membership Committee, 1965-66.

Social Science Computing Association  
Member of the Publication Committee, 1991 to present

Society for Modeling and Simulation International (SCS)  
SCS Representative on the AAAS Biological Sciences Section, 1992 - 2000  
Associate Vice President for Simulation in Health Care, 1992 to present  
Associate Editor for Medical Sociology, *Simulation*, 1998 – present  
Member, Board of Directors, 2000-2004

### **Honors**

Fellow, Center for Education and Research in Information Assurance and Safety (CERIAS)  
2009 to present

Fellow, American College of Medical Informatics 2003 to present

Who's Who in America, 42nd Ed. - 51st Ed., 1982 to present

American Men and Women of Science, 1968 to present

Who's Who in Science and Engineering, 1993  
Who's Who in the World, 1995-1996  
Who's Who in Health Care, 1999 – present  
Who's Who in the Midwest, 1971-1972 to present  
Who's Who in the West, 1970-1971  
Who's Who in American Education, 1993, 2004-2007  
Who's Who in Society, 1993  
Who's Who in Social Sciences Higher Education, 2004- present  
Leaders in Education  
Dictionary of International Biography  
International Scholar's Directory  
International Authors and Writers Who's Who  
International Directory of Distinguished Leadership  
Men of Achievement - 1973, 1986  
Contemporary Authors  
The Writers Directory  
Tau Beta Pi (Honorary Engineering)  
Sigma Xi (Honorary Science)  
Pi Gamma Mu (Honorary Social Science)  
Phi Delta Kappa (Honorary Education)  
Who's Who in Medicine and Healthcare 2011

### **Awards**

American Association for Medical Systems and Informatics Award for Outstanding Paper  
Presented at AAMSI Congress 83, San Francisco, May, 1983.  
Governor's Award for Outstanding Contributions to the State of Indiana, 1987.  
T. Hale Ham New Investigators Award, Association of American Medical Colleges, 1988.  
Certificate of Appreciation, Society for Computer Simulation, 1993.

Wyeth-Ayerst/William Campbell Felch, MD Award for Medical Research, 1995.

American Medical Informatics Association, Award for the Best Theoretical Paper, 1997.

Elected, Senior Member, Society for Computer Simulation International, 1998.

Outstanding Teaching Award, Department of Sociology & Anthropology, Purdue University, 2001.

Elected Fellow American College of Medical Informatics, 2003

Certificate of Appreciation, Conference Committee of the 2005 Western Simulation Multiconference, Society for Modeling and Simulation International, 2005

Seeds of Excellence Award for Contributions to the Research Enterprise at Purdue University, 2005

Elected Fellow, Center for Education and Research in Information Assurance and Security, 2009