

CURRICULUM VITA
EUGENE S. SCHNELLER, Ph.D.
Dean's Council of 100 Distinguished Scholar

DEPARTMENT OF SUPPLY CHAIN MANAGEMENT
ARIZONA STATE UNIVERSITY
W. P. CAREY SCHOOL OF BUSINESS

TEMPE, ARIZONA 85257

Telephone: (480) 965-6334
Fax: (480) 965-6654
Cell: (602) 320-1512
E-Mail: gene.schneller@asu.edu

STATEMENT OF BACKGROUND

Eugene Schneller is an experienced academic leader, researcher, and administrator with extensive experience at the university, college, and departmental levels. Having held appointments in very diverse settings (business, liberal arts, medicine, and public health), Dr. Schneller has a knowledge and appreciation of a wide range of disciplines, academic and business cultures, and approaches to academic problem solving. As Associate Dean of the College of Business at Arizona State University (ASU), he was responsible for operations of one of the largest colleges of business in the United States. He has also worked extensively in the areas of research and organizational development as Director of the William Seidman Research Institute at ASU. He also served as Counselor for Health Professions Education under ASU President, Lattie Coor. He was the first director of the Division of Health Administration and Policy in the Mel and Enid Zuckerman College of Public Health.

Dr. Schneller is currently a Professor of Health Care Supply Chain Management in the W. P. Carey School of Business, 'Department of Supply Chain Management ; building an innovative program in health sector management in collaboration with the Department of Supply Chain Management. He has developed the Health Sector Supply Chain Initiative at ASU, which involves a major research thrust, the [Health Sector Supply Chain Research Consortium](#) (HSRC-ASU). The Consortium is currently funded at 1.5 million dollars. Schneller also has a regular column in the Materials Manager Advisor – a major newsletter focusing on health sector supply management in the United States. He is currently working with ASU's College of Nursing and Healthcare Innovation to develop the Master of Healthcare Innovation as a joint program between the College of Nursing and the W. P. Carey School of Business. In 2007, in recognition of his stream of research and educational development, he was named a Deans Council of 100 Distinguished Scholar.

Schneller has chaired two associations: The Western Network for Education in Health Administration and the Association of University Programs in Health Administration. His work in the Newly Independent States focused on building professional associations as one of the key pillars for advancing collaboration in the professions and academia in Russia, Kazakhstan and Uzbekistan. He is a former Commissioner for the California Commission on the Future of Medical Education and a U.S. Public Health Service Primary Care Fellow, and completed two

terms as a Commissioner on the Accrediting Commission on Education for Health Services Administration.

Schneller's current research and writing projects focus on the changing role of professions in the 21st century; occupational design and the lessons learned from the first thirty years of the physician assistant occupation; and the changing nature of the health care supply chain. His research on group purchasing organizations has received national recognition by major trade associations and served as the basis for a series appearing in the New York Times and National Public Radio.

Schneller has written extensively about leadership and change in the modern workplace, with special attention on both professions and professionals in medicine. He has also been involved in the development of innovative programs in distance learning and has worked with both foundations and governments to improve diversity in management education.

Schneller has been a constant innovator in the field of higher education. In the early seventies, He helped to craft the social science curriculum in the Duke University Physician Assistant program. In the late seventies, he founded the health management program at Union College's Institute of Administration and Management in Schenectady. He was a participant in the development of the first on-line accredited masters program in the US in a collaborative relationship with the University of Colorado and, most recently, has worked with the College of Nursing at ASU to develop the aforementioned Master of Healthcare Innovation program.

EDUCATION:

Ph.D., New York University, Department of Sociology, (Committee: Eliot Freidson, Erwin O. Smigel and Irwin Goffman. 1973.)

B.A., C.W. Post College, 1968.

Harvard Management Development Program, Harvard University, Summer 1992.

Primary Care Policy Fellowship, U.S. Department of Health and Human Services, U.S. Public Health Service, 1994-1995.

Physician Assistant (honorary), Duke University Medical Center, 2004

ADMINISTRATIVE APPOINTMENTS:

Director, Health Sector Supply Chain Initiatives. W. P. Carey School of Business. Arizona State University, 2003-present

Director, School of Health Management and Policy, College of Business (Tenured Faculty), Arizona State University, 1996 - 2002.

Director, Division of Health Administration and Policy. Mel and Enid Zuckerman College of Public Health, 2001- 2002.

Director, Health Administration and Policy Concentration, Arizona College of Public Health,

Division III. 1996-2002.

Counselor to the President, Arizona State University, Provost Office, 1994-1996. Responsible for building awareness and develop the design of an academic health center.

Associate Dean for Research and Administration, Arizona State University, College of Business, 1991-1994. Responsible for one of the nation's largest Ph.D. programs, seven research centers, two research divisions, research development, and general administration of the College. In 1991, the College of Business had over 8,500 undergraduate majors, 880 master level students and 140 Ph.D. students.

Director, L. William Seidman Research Institute, College of Business, Arizona State University, 1991-1994. The Institute is the focal point for sponsored research through its two Divisions and seven Research Centers in the nation's second largest College of Business.

Director, School of Health Management and Policy, College of Business (Tenured Faculty), Arizona State University, 1985-1991. Responsible for MHSA/Health Services Administration Program, Physician Leadership Institute, MHSA/JD and MHSA/MS (nursing) and all school research and development activities.

Chair elect 1993-1994 and Chair 1994-1995, Association of University Programs in Health Administration. The Association of University Programs in Health Administration is the major consortium advancing health services management education and health management research in the United States and abroad. As a consortium of over 100 university programs, AUPHA is involved in developing curricula for health management education, providing management development for senior executives of U.S. hospital systems and hospital executives from other countries, and providing management education for physicians.

Chairman, Western Network for Education in Health Administration, 1988-1991. The Network is a consortium of the accredited health administration schools in the Western U.S. and Canada including Arizona State University, University of British Columbia, University of Southern California, UCLA, University of California Berkeley, University of Colorado, University of Washington, San Diego State University, Ohio State University, Northwestern University, University of Michigan and offers the Physician Leadership Institute, the Western Network Institute for Healthcare Executives, the Western Network Institute for Nurse Executives and the Executive Masters in Health Services Administration in collaboration with the College of Business at the University of Colorado. Organizer, Physician Leadership Institute. Organized and developed a certificate program for physician managers and leaders in collaboration with the Western Network for Education in Health Administration and the American College of Physician Executives, 1988-1990.

Faculty Governance Committee, Executive Master in Health Administration, University of Colorado, College of Business, Denver 1988-present.

Director, Health Policy Group. The Health Policy Group was an Intergovernmental Agreement between Arizona State University and the Arizona Health Care Cost Containment System, 1988-1989.

Director, Health Studies Center, Union College, 1978-1985. Responsible for MBA/Health

Systems Administration and Graduate Programs in Health Systems Management (MS) with the Albany College of Pharmacy and Albany Medical College.

Acting Director, Institute of Administration and Management, Union College, summer 1985.

Chairman, Division of Social Sciences, Union College, 1980-1983. Division included the Departments of Sociology, Political Science, History, Economics, and the Graduate Management Institute.

Chairman, Department of Sociology, Union College, 1974-1978. Responsible for planning curriculum, evaluating faculty, budgeting and developing the sociology major.

Consultant, Long Term Care Study Group (Task Force on the regulation of long term care facilities, Office of Health Systems Management, New York State Department of Health, 1979). Project Director, Health Services Research Project, Montefiore Hospital and Medical Center. Responsible for own research which was submitted as doctoral dissertation. Eliot Freidson was the supervisor of the project, 1970-72.

Research Assistant, Corporate Counsel Study, Department of Sociology, New York University. Coordinated large survey of corporate lawyers and corporate law departments. Responsible for design interviewing, data collection and analysis. Erwin O. Smigel was the principal investigator, 1969-1970.

ACADEMIC APPOINTMENTS:

Professor, Department of Supply Chain Management, W. P. Carey School of Business, Arizona State University, 2010-

Visiting Research Scholar, Imperial College Business School, London. Fall 2010

Professor, School of Health Management and Policy, W. P. Carey School of Business, Arizona State University, 1985-2010.

Professor, Mel and Enid Zuckerman College of Public Health, 1996-.2004.

Clinical Professor, Department of Family and Community Medicine, University of Arizona 1994-1996.

Professor (Adjunct), University of Colorado, College of Business, Executive Masters in Health Services Administration (Participant in Western Network collaborative program with the University of Colorado and Arizona State University), 1985-?.

Associate Professor of Administration and Management, Union College, Institute of Administration and Management, Union College, 1978-1985.

Associate Professor of Preventive and Community Medicine, Albany Medical College, 1983-1985 (Affiliate Appointment).

Visiting Research Scholar, Conservation of Human Resources, Columbia University, 1983-1984.

Visiting Associate Professor, State University of New York at Albany, New York, Department of Sociology, 1981.

Associate Professor & Chairman, Department of Sociology, Union College, Schenectady, New York, 1975-1978 (Tenured Faculty).

Visiting Lecturer, State University of New York at Albany, Spring, 1978; Winter, 1980.

Assistant Professor of Community Health Sciences, Duke University Medical Center, Durham, North Carolina, September 1972-1975.

Assistant Professor of Sociology, Duke University, Durham, North Carolina, September, 1972-1975.

HONORS:

Filerman Prize for Excellence in Health Management Education 2010

Distinguished Faculty Fellow, Public Procurement Research Center, Florida Atlantic University, Elected Spring 2008.

Best Paper, Public Management and Governance Track, British Academy of Management, Warwick England, September, 2007. (Orchestrating Emergent Change: The Hospitalist Movement in U.S. Healthcare.)

Dean's Council of 100 Distinguished Scholar (three-year appointment beginning July 1, 2007) Chair, World Congress Leadership Summit on Health Care Supply Chain Management, January 2007.

John D. Thompson Prize Committee, AUPHA, 2006-2008.

Physician Assistant (Honorary) – Duke University, 2004

Regent's Award, American College of Healthcare Executives, 2002.

Third Runner-Up. "1997 Marriott Corporation Healthcare Services Faculty Publication of the Year Award": - American Academy of Medical Administrators.

Commissioner, Accrediting Commission on Education for Health Services Administration, 1997-2003.

Primary Care Fellow, U.S. Public Health Service, 1994-1995.

Beta Gamma Sigma, 1993.

Fellow of the Accrediting Commission on Education for Health Services Administration, 1983.

Health Resources Administration, Office of Minority Health Resources Center.

New York State Health Research Council.

Public Health Service Grant for Dissertation.

Dean's List Student.

Who's Who in the World.

Who's Who in America.

Who's Who in the East.

Who's Who in the West.

Who's Who in Health Care.

Who's Who in Science and Engineering.

Founders Day Award, New York University.

DISSERTATION:

The Interprofessional Specialist: A Study of Task Commitments for Patent Attorneys and M.D. - LL.B.'s. Accepted as a dissertation in the Department of Sociology, New York University, December 1974.

BOOKS:

The Physician's Assistant: Innovation in the Medical Division of Labor, D.C. Heath, Lexington, Mass., 1978.

Co-Editor. Handbook of Supply Chain Management. Sage. Under Contract. With Christine Harland, University of Bath and others.

Co-Editor. Managing Change in the Public Services (with Michael Wallace, University of Cardiff and Michael Fertig, University of Bath. December 2006.

Strategic Management of the Health Care Supply Chain. Jossey-Bass Monograph (with the late Larry Smeltzer) 2006.

PUBLISHED PAPERS:

1. Professionalism in 21st Century Professional Practice: Autonomy and Accountability in Orthopedic Surgery. U.S. Edition (With Natalia Wilson). *83-A, no. 10 (2010): 1582-1585*
2. Hip and Knee Implants: Current Trends and Policy Considerations. (with Natalia Wilson, Kathleen Montgomery and Kevin Bozic). Health Affairs, Vol. 27, No 6. 1587-1598. 2008.
3. Orchestrating Emergent Change: The Hospitalist Movement in U.S. Healthcare (with Michael Wallace) Public Administration, Vol. 86, No. 3. (September 2008), pp. 761-778.
4. The Hospitals' Strategies for Orchestrating Selection of Physician Preference Items. (with Kathleen Montgomery). Milbank Quarterly, Vol 85 (2) 2007, 307-335.
5. Managing Public Service Change for Coping with Complexity, Introduction in Managing Change in the Public Services. (With Mike Wallace and Michael Fertig) Blackwell, December 2006, pp. 1- 9.
6. The Hospitalist Movement in the United States: Agency and Common Agency Issues (with Kenneth Epstein). Health Care Management Review, Vol. 31 (4) 2006, 1-9.
7. Unsystematic Responses to a Chaotic Service Environment: Shaping the Division of Labor in Patient Care (with Michael Wallace, University of Bath), Chapter 8 in Managing Change in the Public Services. Blackwell, December 2006. pp 153-172.
8. A Diagnostic Approach to Understanding Entrepreneurship in Healthcare, Journal of Health and Human Services Administration (with Karl J. McCleary and Patrick Rivers, Vol. 28 (4), Spring 2006. . 550-577

9. Academic Health Science Centers: The Movement From Broker Of Scarce Resources To Victims Of The Changing Environment Of Health Care Delivery, Healthcare Papers, Vol 3, No. 2, 2002.
10. Professions for the 21st Century: A Commentary on the Physician As Worker.” Health Care Management Review Vol. 24 (4), Fall 2001. 71-77.
11. The Role of the Physician Executive in Managing the Health Care Value Chain,(with Ajay Singh), “Hospital Quarterly, Fall 2000, 38-43.
12. “Healthcare System Change and the 21st Century: Observations from South of the Border,” Hospital Quarterly, Fall 1999, pp. 22-28.
13. "Out of the Box: Health Management Education in the 21st. Century," with Mary Richardson, Journal of Health Administration Education, Vol. 16, No. 1, Winter 1998, 88-97.
14. “The Physician Executive,” with Howard Greenwald and Mary Richardson, In Handbook for Health Administration and Policy, Marcas Decker. Ed. Anne O. Kilpatrick and James A. Johnson. 1998.
15. "Accountability for Health Care: A White Paper on Leadership and Management in the Health Care System in the United States” Health Care Management Review, 1997, 22(1) 38-51. Commissioned by the Bureau of Health Professions, Department of Health and Human Services and the Association of University Programs in Health Administration. Presented as keynote address at Leadership Conference, A.U.P.H.A. 1995.
16. "The Physician Executive: Role in the Adaptation of American Medicine, Health Care Management Review, (1997, 22(2) 90-96.
17. “Not-for-Profit Status as a Vehicle for Sector Diversity and Organization”, Health Care Management Review, 1997, 22(3), 75-78.
18. "Educating Tomorrow's Health Administrators for Accountable Practice," Journal of Health Administration Education, 14 (4) Fall 1996, 439-450.
19. "Contemporary Models of Change in the Health Professions", Hospital and Health Services Administration (with JoAnn Ott): Vol. 41, No. 1 (Spring 1996), 121-136. (Winner - third runner up. Marriott Faculty Publication of the Year Award).
20. "The Future of Medicine in an Era of Health Reform," with Robert Hughes and Pam Hood-Szvikc, The Physician Executive, Third Edition. Ed. Wesley Curry, Tampa, Florida, American College of Physician Executives 1994.
21. "Principles of Health Care Facilities Organization & Management", Health Care Corporate Law Formation & Regulation, (with Howard S. Zuckerman, J. William Thomas and Mark A. Hall). Ed. Mark A. Hall, Little, Brown & Company, Canada 1993. Ch. 2, Part. 1, 2-2 to 2-76.

22. "The Resource Management Initiative in the English National Health Service," Health Care Management Review (with Bradford Kirkman-Liff): Vol. 17, No. 2 (Spring 1992), 59-70.
23. "The Leadership and Executive Potential of Physicians in an Era of Managed Care", Hospital and Health Services Administration, Vol. 36, No. 1 (Spring 1991): 43-55.
24. "Hostility to People with AIDS: Risk Perception and Demographic Factors," Social Science and Medicine, Vol. 32, No. 10, 1137-1142 (with Delfi Mondragon, Dr.P.H. and Bradford Kirkman-Liff, Dr.P.H.).
25. "Medicine and Management in the 1990s," Frontiers of Health Services Management, Vol. 7,1, Fall 1990, 41-45.
26. "Role Design for Physicians in Management: The Mandate of Managed Care", The Journal of Health Administration Education, 1988, 683-693.
27. "Contract Management Requires Strategic Planning"(with Frank Williams), Healthcare Financial Management, Vol. 43, No. 3, March 1988, 56-61.
28. "Health Services Management Change in the United States and the British National Health Service," (with Bradford Kirkman-Liff), NHS Management: Beyond the Griffiths. Report to Current Issues, Special Edition of The Journal of Health Administration Education, Vol. 6, No. 3, Summer 1988, 593-609.
29. "The Future of Medicine," (with Robert Hughes and Pam Hood-Szwick), The Physician Executive, Ed. Wesley Curry, Tampa, Florida: American Academy of Medical Directors, 1988, 22-44.
30. "The Graduate Technical Assistance Program: An Alternative to Traditional Field Training for "Health Administration Students," The Journal of Health Administration Education, Vol. 5, No.2 1987, 219-235.
31. "The Impact of Residency Training on a Community Teaching Hospital: A Case Study," (with Martin Strosberg, et.al.), 1985. Proceedings of the 17th Annual Meeting of the Health Services Division of the Institute of Industrial Engineers, Chicago, Illinois, 1986 (with Martin Strosberg, et.al.).
32. "The M.D. - J.D. Revisited," Journal of Legal Medicine, September, Vol. 6, No. 3, 1985, 337-371.
33. "Black Attrition in Physician Assistant Training Programs," (with Terry Weiner), American Journal of Public Health, Vol. 71, No. 4 (1981).
34. "Navigating the Medical Division of Labor in the 1980's," Physician Assistants on the Threshold of the 80's, School of Allied Health Professions, State University of New York at Stony Brook.
35. "A Profile of the Backgrounds and Expectations of the Class of 1977," The P.A. Journal, 7, No. 2, (1977).

36. "The Design and Evolution of the Physician's Assistant," Sociology of Work and Occupations, 3, No. 4, (November, 1976), 445-478.
37. "Interprofessional Legal Practitioners: The Case of the M.D. - LL.B.," Journal of Legal Education, 27, No. 3, (1975), 324-346.

TECHNICAL RESEARCH AND CONSULTATION REPORTS:

1. The Value of Group Purchasing in the Health Care Supply Chain. Sponsored by Novation. (School of Health Management and Policy, April 2000).
2. Residency Education in Arizona: A Quality Assurance Perspective (with William Johnson, Ph.D., Nancy Preuss, and Derek Klett), Phoenix, 1993.
3. Arizona's Physician Supply (with William Johnson, Ph.D, and Beverly Lewis). A Report to the Arizona Council for Graduate Medical Education, Phoenix, 1993.
4. The Survey of Medical Residents 1991-1992 (with William Johnson), Ph.D., Nancy Preuss). Report to the Arizona Council for Graduate Medical Education, Phoenix, 1993.
5. Public Relations and the American Hospital (with Keith Dines). American Hospital Association, Chicago, 1992.
6. Public Relations and the American Hospital: Lessons for the field of Health Administration Education (with Keith Dines). American Hospital Association, Chicago, 1992.
7. Public Policy and the Brokerage Role of Academic Health Centers: Observations from a Population Ecology Analysis of Upstate New York, Rept. to The Commonwealth Fund, 1987.
8. A Comprehensive Bibliography on Physician's Assistants. Health Care Systems, Department of Community Health Sciences, Duke University, Durham, North Carolina (1974), 55 pages.
9. Eight reports concerning the Physician's Assistant Career study (submitted to Department of Health, Education and Welfare).
10. Rural Hospitals in America: A Guide for Trustees and Managers (with Robert G. Hughes and Jan McEwen).
11. Developing an AIDS Policy for Arizona, Report to the Arizona Health Care Cost Containment System.

CONFERENCE PAPERS:

1. "Professionalism in 21st Century Professional Practice: Autonomy and Accountability in Orthopedic Surgery," Carl T. Brighton Workshop on Health Policy Issues in Orthopaedic Surgery, November 2008.
- 2.
3. "Gender discrimination and the salaries of operating room managers" (With Marjorie Baldwin) 2nd Biennial ASHE conference at Duke University June, 2008.
4. "The Emergence of the U.S. Hospitalist Movement (with Michael Wallace), British Academy of Management, Warwick University, Warwick, England, September, 2007.
5. Alignment of CHI Materials Management Leaders (with Philip Mears and Christopher Saundraesan), International Research Study of Public Procurement, 3rd Workshop, Paris, France, September, 2007.
6. "Seeking Strategic Fit: Medical Supplies and Sourcing in the U.S. and U.K" (with Christine Harland, Louise Knight, and Samantha Forrest). Paper presented at the Eighth International Conference on System Science in Health Care (Health Care Systems: Public and Private Management), Geneva, Switzerland. September 2004.
7. The Division of Labor in Patient Care in the United States: Complex but Unsystematic Responses to a Chaotic Environment. Presented at the AIM Expert Seminar at the University of Bath, Spring, 2004.
8. "The Growth of A Buyer Beware and Consumer Protections Model in Health Care: The Impact of Managed Care on Changing Models of the Doctor-Patient Relationships," (with Jennie J. Kronenfeld). 1997 Meetings of the American Sociological Association. New York.
9. "Perspectives on Medicare and Medicaid," (with Terry S. Weiner) 1997 Meetings of the Southern Sociological Meetings, 1997.
10. "The Physician Executive: Models for an Emerging Profession," (with Howard Greenwald, Mary Richardson, and JoAnn Ott), Physician in a Changing World session at the 1996 Annual Meetings of the American Public Health Association, New York, November 19, 1996.
11. "Docs on Top: The Role and Function of the New Physician Executive" (with Howard Greenwald and Mary Richardson), Center for Health Management Research, 1994.
12. "Don't Call Me Doctor: The Changing Role of PA's", (with Terry S. Weiner), Southern Sociological Meetings, 1994.
13. "Commentary on Pay or Play Models for Health Services Financing", paper presented at the Arizona Forum on Health Care, Tempe 1992.

14. "The Role of Public Relations in the American Hospital," (With Keith Dines), 1991 meetings of the American Society for Health Care Marketing and Public Relations, Boston.
15. "The Role of Executives within Managed Care Systems," Conference on "Models for Managed Care: Crafting Organizational Linkage and Managing with Clinical Professionals", AUPHA Annual Meeting, Chicago 1990.
16. "Affirming Jurisdiction: Response to the A.M.A. Proposal to Establish the Registered Care Technologist," University of Southern California Health Services Seminar, March 9, 1990 (with Mary Taylor).
17. "Affirming Jurisdiction: Response to the A.M.A. Proposal to Establish the Registered Care Technologist." Paper presented at 1990 meetings of the American Sociological Association, Washington D.C., August 1990 (with Mary Taylor).
18. "Redesign of the Medical Division of Labor: The A.M.A. Registered Care Technologist Proposal and the Politics of Bedside Care," Union College Health and Human Values Seminar, Aug. 1989.
19. "The Managerial Role of the Physician Executive," Plenary Session Symposium: Management Education For The Physician Executive, AUPHA Annual Meeting, Washington, D.C., April 15, 1988.
20. "The Future of Medicine," (Keynote address at the Medical Director/Administrator Meeting, Intergroup of Arizona, Inc., Phoenix, Arizona, March 26, 1988).
21. "The Hollow Hospital," (Paper presented at the Western Conference, American College of Healthcare Executives, November 1986).
22. "Why Teaching Hospitals Are More Expensive: Findings from Current Studies," (with Martin Strosberg) (Paper presented at the 1985 meetings of the American Public Health Association, Washington, D.C.).
23. "Public Policy and Academic Health Centers: A Broker Model," (Paper presented at the 1984 meetings of the American Public Health Association, Anaheim, California).
24. Comments on "The Medical Division of Labor in Developed and Underdeveloped Countries," Tenth World Congress of Sociology, Mexico City, August, 1983.
25. Comments on the GMENAC Report, New York State Public Health Association, June 1981.
26. "The Effects of the Reagan Budget on Health Professions Education," Second Annual Symposium of the Health Policy and Administration Consortium, June 3, 1981.
27. "Development in the New Health Professions." (Paper presented at the Bureau of Evaluation, Health Resources, Administration, 1980).

28. "Physician's Assistant Autonomy in the Work Setting." (Paper presented at the American Public Health Association Meetings, Detroit, 1980).
29. "Role Agreement and Disagreement in a New Health Profession," (Paper presented at the 9th World Congress of Sociology, Uppsala, Sweden, August 14-19, 1978).
30. "Minorities in the Health Professions: Bakke and Beyond." (Roundtable discussion with Terry Weiner at the 1978 Meetings of the Society for the Study of Social Problems).
31. "Navigating the Medical Division of Labor in the 1980's," (Stony Brook Conference on Physician's Assistants on the Threshold of the 80's, June 7, 1978).
32. "The Black Physician's Assistant," (Paper presented at the 1977 Meetings of the American Sociological Association, Chicago).
33. "The Professions and Work in America," (Paper presented at the 1976 Annual Meetings of the Eastern Sociological Society, Boston).
34. "The Impact of Early Socialization on Trainees' Views of the Physician's Assistant Role," (Paper presented at the 1975 Annual Meetings of the American Public Health Association, Chicago).
35. "Towards a Theory of Autonomy for New Paramedical Occupations," (Paper presented at the 1975 Annual meetings of the American Sociological Association, San Francisco).
36. "The Sociology of a Developing Literature: The Case of the Literature on Physician's Assistant," (Paper presented at the 1975 Annual Meetings of the American Sociological Association, San Francisco).
37. "Occupational Change in Mid-Life." (Paper Presented to the Committee on Work and Personality in the Middle Years, Social Science Research Council, February, 1975).
38. "Interprofessional Legal Practitioners: The Case of the M.D. - LL.B." (Paper presented at the VIII World Congress of Sociology, Toronto, 1974).
39. "Perceptions of Autonomy of Physician's Associates." (Paper presented at the Second National Conference on New Health Practitioners, New Orleans, 1974).
40. Prepared two papers, which served as the basis for the Sunrise Semester series on occupational sociology. Papers were presented by Erwin O. Smigel, 1969-1970.

REVIEW ESSAY:

Paul Starr, The Social Transformation of American Medicine, Basic Books, 1982. (The Journal of Legal Medicine, Vol. 5, Number 1, 1984).

EDITORIALS:

"A Physician Assistant by Any Other Name..." Journal of the American Academy of Physician Assistants. Invited editorial and commentary, 1994 .

BOOK REVIEWS PUBLISHED:

Eli Ginzberg, Teaching Hospitals and the Urban Poor., New Haven: Yale University Press, 2000. (International Journal of Health Planning and Management 2001:16: 169-174.

Raymond Duff, Assessing Pediatric Practice: A Critical Study, Health Administration Press, (Inquiry), Vol. 21, No. 4, pp. 422-423.

Eliot Freidson, Medical Work in America: Essays on Health Care, Yale University Press, 1989. (Hospital and Health Services Administration).

Marie R. Haug and Jacques Dofny, Work and Technology. Beverly Hills, California. Sage Publications, (Contemporary Sociology, 1978).

John Johnson, Doing Field Research, New York, The Free Press, 1975. (Sociology: Review of New Books, 4, No. 2, January/February 1977), p. 51.

Kenneth Vaux, Biomedical Ethics: Morality for the New Medicine, New York. Harper and Row Publishers, 1973. (Sociology Review of New Books, 1, No. 10, September, 1974). pp. 227.

Willard C. Richard and Allan R. Mendelsohn, Social Work: The Unloved Profession, New York. New Viewpoints, A Division of Franklin Watts, Inc., 1973. (Contemporary Sociology, No. 4, July, 1974). pp. 336-338

Everett C. Hughes, et. al., Education for the Professions of Medicine, Law, Theology, and Social Work. New York. McGraw Hill Book Company, 1973. (Sociology: Review of New Books 1, No. 7, May-June, 1974), pp. 157-158.

Nina Toren, Social Work: The Case of a Semi Profession, Beverly Hills, California. Sage Publications, 1972 (Contemporary Sociology, 2, No. 3, May 1973), pp. 306-309.

INVITED LECTURES:

Optimizing Collaborative Purchasing: Lessons From Abroad Association of Healthcare Resources and Materials Managers, Az., November, 2010

Role of Group Purchasing in the United States. 2eme Symposium International Des Acheteurs Publics& Prives de la santé. Paris, France September 9 2010.

Supply Chain Management: The Continuing U.S. Experience & Role of Group Purchasing University of Porto, School of Business, October 2010

Supply Chain Management: The Continuing U.S. Experience & Role of Group Purchasing University of Turin, October 2010

Supply Chain Management: The Continuing U.S. Experience & Role of Group Purchasing
University of Bath, October 15, 2010

Health and Care Infrastructure Research and Innovation Centre, Imperial College, London,
October 2010, Challenges in Purchasing in the US Health Sector

Challenges in Purchasing in the US Health Sector. UCLA, School of Public Health, November 6,
2010

Optimizing Collaborative Purchasing: Lessons From Abroad. Health Industry Group Purchasing
Association. Orlando Florida, October 2010.

Anticipating Healthcare Reform . . . Facing Change Together, Federation of American Hospitals,
March 2, 2010. Washington D.C.

“Driving Value Through Supply Chain Management: A Perspective on Health Care Reform”
HIMMS Supply Chain Forum, Atlanta, March 2010

“Supply Chain in the Executive Suite.”World Health Care Congress Leadership Summit ,
Orlando, January 2010

Physician Preference Item Management: Challenges for the Medical Device Industry. Q1
Conference. December, 2008.

The Value of Group Purchasing Reconsidered: Four Case Studies, 2008 meeting of the Health
Industry Group Purchasing Association, Orlando,

Hospital-Physician Alignment and the Changing Clockspeed of Healthcare. Health Purchasing
Group. Chicago. June 2008

Group Purchasing in Major Health Care Systems, Council of Supply Chain Executives,
Nashville, November 2008.

Healthcare Supplier-Provider Institute, Dallas, April 2008.

“The Future of the Professions: Changing Initiatives, Changing Pressures,” University of Zayed,
2006.

“Managing in a World of Changing Clockspeed: Lessons for the Delivery of Services in an
Enterprise Zone,” University of Zayed, 2005.

“Maximizing Supply Chain Excellence,” American College of Health Care Executives. (With
David Patton). ACHE Congress. Chicago, 2005.

Premier. Annual Meeting. Keynote Speaker, Las Vegas. 2004

HIGPA, Annual Meeting, Keynote Speaker, Orlando. 2004

NCI, Annual Meeting. Atlanta, 2004

“Medicine in the 21st Century,” Maricopa County Medical Society, January 19, 2001.

Medicine in the 21st Century, Standard Register, March, 2001.

“P & T Committees and the Achievement of Managerial Efficiencies” Paper presented at the 1st. Annual Meeting of The Pharmacy and Therapeutics society. October 2000.

“The Value of Group Purchasing in the Health Care Supply Chain”
Novation Corporation

“The Future of Change,” Ontario Hospital Association, September, 1999.

“What Can we Learn From the Arizona Town Hall,” Samaritans, October 1999.

"The Balanced Budget Amendment and Academic Health Center Survival," Health and Human Values, Albany Medical College, July 1998.

Health and Human Values - Union College, 1998.

"Academic Medicine at the Crossroads," University of New Mexico Medical Center, Medical Staff/Faculty Retreat, May 1997.

"The Strategic Adaptation of American Medicine: Playing at the Margins Will Not Work," Health and Human Values. Albany Medical College, July, 1996.

Medical Directors Group, Catholic Healthcare West, December 1997.

Newly Independent States Study Tour, Tucson, Arizona, October 1997.

Colorado HMO Association, Annual Meeting, October 1997.

Health and Human Values, Union College - 1996.

"The Changing Medical Division of Labor," Chandler Regional Medical Center, Nurses Week, 1997.

Palo Alto Veterans Administration Medical Center, Spring 1996.

Competencies in Health Administration. ACHE/AUPHA Forum, Chicago (1995).

Health Care Professions in Transition. Ozark Health Care Education Symposium, Springfield, Missouri (1995).

Health Trust Management Development Program (1994).
Metpath (1994).

University of North Carolina, Department of Anesthesiology (1990).

Health Services Research Center, University of North Carolina (1990).

Union College, Health and Human Values (1990).

Union College, Health and Human Values Seminar (1989).

Duke University Medical Center.

Albany Medical Center.

Health Resources Administration.

Annual Meetings of the Association of University Programs in Health Administration.

Arizona Association of Nurse Executives.

State University of New York.

University of Kentucky.

Albany Medical College.

Capital District Psychiatric Center.

CONFERENCE PARTICIPATION:

Paper Review Board, International Public Procurement Conference, Amsterdam, Summer 2008.

Presenter and Moderator. "The Dynamics of Physician Influence," NCI Health Care Executive Forum, January, 2002.

Presenter, "Health Sector Shockwaves: Building a Strategic Role for Materials Management." VHA West Coast Seminar. October 2001.

Presenter, The Value of Group Purchasing in the Health Care Supply Chain, Business and Health Administration Association Annual Meeting. Chicago, March 2001.

Presenter, Small Business Problems and Priorities, NFIB Education Foundation, Phoenix, September 1999.

Presenter, Should Physician Training and Teaching Hospitals be Subsidized? Association for Health Services Research, Annual Meeting, Washington, D.C. June 1998.

American International Health Care Alliance, Conference on Medical Education, Tashkent Uzbekistan, Spring 1997.

American International Health Care Alliance/AUPHA Management Conference, St Petersburg Russia, 1996.

Presenter, "Health Systems Reform and Assuring Quality in Health Management Education," American Healthcare Alliance/Association of University Programs in Health Administration Conference. Budapest, Hungary, April, 1996.

Hispanic Health Care in Arizona, Spring, 1996.

Organizer, Baxter Winner Symposium, Annual Meeting, Association for Health Services Research, June 1996.

Discussant, "The Implications of the White Paper for Grounding Relationships between Health Services Research and Health Management Practice", Baxter Winner Symposium, Annual Meeting, Association for Health Services Research, June 1996.

Annual Conference Planning Committee, Association for Health Services Research, 1996.

(Co-Organizer) 1994 AUPHA Annual Meeting.

(Co-organizer) Experiential Learning in Health Services Administration Education, AUPHA Director's Retreat, 1991.

Financing Health Services Administration Education, AUPHA Director's Retreat, 1988.

Organizer, Research Sections, AUPHA Annual Meetings, Montreal, Canada, 1987.

Organizer, "The Management of Alternative Health Care Delivery Systems," Conference on the Health Training, 1983 Meetings of the American Public Health Association.

Organizer, "The Medical Division of Labor in Developed and Underdeveloped Countries, Mexico City, August 1983. (With Judith Shuval, Hebrew University).

Section Discussant at 9th World Congress of Sociology at Uppsala, Sweden, August 14-19, 1978. Topic: "The Emergence and Disappearance of Occupations."

Participant in Occupational Section on Commitment to Work, 1973 Meetings of the American Sociological Association.

Discussant: 1972 Meetings of the Eastern Sociological Society, Boston, Massachusetts.

EDITORIAL BOARDS:

Journal of Supply Chain Management, 2005-

Healthcare Briefings, 2000-

Electronic Highway, 1999-

Health Care Management Review, 1997-

Association for Health Services Research/Health Administration Press, July 1991 - 1996.

Work and Occupations: An International Journal, 1980 - 1992.

Hospital and Health Services Administration, 1988 - 1992.

Biology and Medicine, 1992 -.

Healthcare Financial Management 1990 –1992.

GRANTS/AWARDS:

Arizona Health Care Cost Containment System. Health Sector Supply Chain Initiatives (\$1,000,000). 2004-2006.

National Science Foundation. Collaborative Problem solving in Health Care Logistics and Distribution. With Lawton Burns (University of Pennsylvania) and Manuel Rossetti (University of Arkansas). 2004-2006. (\$50,000)

Center for Health Management Research/National Science Foundation. Making and Enacting Strategic Decisions in Integrated Delivery Networks: The Role of Physician Executive Trustworthiness and Webs of Trust with Kathleen Montgomery (University of California), Peggy Leatt (University of North Carolina and Jeffrey Wilson.

Dean's Award for Excellence in Research, Physician Participation in Value Analysis Teams, 2003, (\$12,000).

Progressive Practices in Health Sector Purchasing, National Science Foundation, Center for Health Management Research, 2002-2003, (\$116,000).

Physician Assistant Career Study Revisited, Robert Wood Johnson Foundation, 1999-2000 (\$49,000).

Public Health Traineeship and Special Project Grant, Department of Health and Human Services, 1997 - 2000. Special Project part is competitive (\$66,000).

Emergency Medicine, Arizona Department of Health Services, 1995, (\$19,968).

Physician Executive Literature Review, Center for Health Management Research, 1994, (\$7,000).

Physician Assistant Careers, Association of Physician Assistant Programs, 1993, (\$7,000).

Graduate Medical Education in Arizona, Provision of consultation and conduct surveys in support of the Arizona Council on Graduate Medical Education, Flinn Foundation 1991-1993, (\$173,000).

3 M (To Western Network to study restructuring the NHS) (\$10,000).

Program Development Initiative, Department of Health and Human Services, 1978 (\$250,000).

The Physician's Assistant Revisited with Terry S. Weiner, The Robert Wood Johnson Foundation, (\$49,000).

Physician's Assistant Career Study, DHEW, (\$310,000).

Sabbatical Research Award, The Commonwealth Foundation, (\$25,000).

Smith Klein Foundation, (\$250,000).

OFFICES AND COMMISSIONS:

AHRQ. Special Emphasis Panel. Building Research Infrastructure and Capacity

- Board of Directors, Country Care USA

Governor's Council on Telemedicine, Phoenix, Arizona, 1997- .

Board of Directors, Network for Health Administration Education, 1996- .

Board of Directors, Health Administrators Forum, Phoenix, Arizona 1998 -.

Commissioner, Accrediting Commission on Education for Health Services Administration, 1998-

Administrative Fellowship Coordinating Council Advisory Board, 1998-

Task Force on Health Professions Reform, Maricopa County Commission on Health Professions Reform, 1997-

Commissioner, California Commission for the Future of Medical Education 1997.

Action Planning Group Convention, Engaging The Professions In The Vision, Vision Quest 1995.

Chair, Robert Wood Johnson Foundation Investigator Awards Selection Committee, 1993-1996.

Chair, Health Professions Taskforce, Arizona Affordable Healthcare Foundation, 1993.

Chair Elect, Association of University Programs in Health Administration, 1993-1994.

Chair, Association of University Programs in Health Administration, 1994-1995.

Admissions Subcommittee, Arizona Technology Incubator, 1992-1994. The incubator is an economic-development project that provides office space, financing assistance, management expertise and other kinds of support to promising new ventures.

Arizona State Medicaid Advisory Committee, 1990 -1992.

Board of Directors, Association of University Programs in Health Administration, 1990-1996.

Chair, Western Network for Education in Health Administration 1988-91.

National Resource Persons Network of the Office of Minority Health Resource Center, 1989.

American Medical Association National Advisory Committee on Evaluation of AMA's RCT Proposal, 1988-1990.

Governing Board, Western Network for Health Administration, 1985.

Regional Liaison Officer, Southern District, Section of Occupations and Organizations, American Sociological Association, 1974-1975. Resigned appointment due to move to Union College.

Member of New York State Health Research Council, Appointed by Governor Hugh Carey, 1977-1981, Reappointed 1981-1985.

Member of the Association of American Medical Colleges, Group on Medical Education, Albany Medical College, Albany, New York, 1977-1985.

Health System Agency of Northeastern New York, 1977-1980.

Member of the Health Policy Committee of the Section of Medical Sociology, American Sociological Association.

Member, Advisory Committee, New York State Health Manpower Study Group.

Chairman, Health Policy and Administration Consortium of the Capital Area, 1984-1985.

Member of Advisory Panel, Study of Medical Manpower in New York State, New York State Education Department in Cooperation with New York State Health Planning Commission.

Regional Reporter, Eastern District, American Sociological Association, Section on Medical Sociology, 1982-1983. American Public Health Association, Liaison Between New Health Professions and Public Health Manpower Study.

Task Force on Law for Health Services Administration, AUPHA.

American Public Health Association.

Task Force on Medical Indigency, Arizona Hospital Association.

ADMINISTRATIVE AND COMMITTEE RESPONSIBILITIES:

Personnel Committee (elected), W. P. Carey School of Business, 2006-2008.

Faculty Council (elected), W. P. Carey School of Business, 2004-2006.

Chair, Accrediting Criteria Committee, Accrediting Commission on Education for Health Administration, January 2000-May 2000.

Arizona Town Hall, Principal Author "Future Directions for Arizona's Health Care. 131 page document – principal author. Spring 1999.

Task Force, The University for the Next Century, Arizona State University, 1995-1996.

Chair, Ad Hoc Committee on Health Professions Education, Arizona State University, 1995.

Member, Review Panel National Institute for Health Care Management for Health Care Research Award, 1994.

Chair, Presidential Search Committee, Association of University Programs Health Administration, 1993.

Liaison between Arizona State University, College of Business and Center for Health Management Research, 1992-1993.

North Central Accreditation Task Force, Arizona State University, 1992-1993.

Doctoral Committee, College of Business, Arizona State University, 1992-1993.

Arizona State University, Tempe, Arizona. Member, Interdisciplinary Committee on Aging (Appointed by President Nelson), 1988-1989.

Albany Medical College, Physicians Assistant Advisory Committee. Medical Education Program Policy and Promotions.

Member, Strategic Planning Committee, American College of Health Care Executives, 1988-1989.

Member of Health Data Advisory Group, Arizona Department of Health Services, Office of Health Economics and Facilities Review, 1987-1990.

Health Care Group Advisory Panel, Arizona Health Care Cost Containment System 1987- 1989.
Chairman, Health Trends Taskforce, Greater Phoenix Affordable Health Care Foundation, 1986-1987.

AUPHA Delphi Panel on the Health Care System in the Year 2000, 1986.

Arizona Hospital Association Task Force on Medical Indigence, 1986.

Tenure Review Advisor - University of Southern California, 1986.

Governing Board, Western Network for Health Administration, 1985.

Regional Liaison Officer, Southern District, Section of Occupations and Organizations, American Sociological Association, 1974-1975. Resigned appointment due to move to Union College.

Six Year Biomedical Committee (Completed four year term). Negotiated with Albany Medical College, over the design and nature of the six year program.

Chair, Honors College Subcommittee of the Educational Policy Committee. Planned for an Honors College for Union.

Research Committee, (Completed two year term). Responsible for the distribution of faculty research funds and deciding areas in which the college should support faculty research.

Education Policy Committee (Two three year terms, ended 1979.) Represented the social sciences division on matters of curriculum development. Course approval, and divisional evaluation. Worked to develop statement of college mission and evaluate proposals from all four-college divisions.

Duke University, Durham, North Carolina, Basic Science Curriculum Committee, Duke University Medical Center. Responsible for initiating, defending and evaluating courses in the basic sciences curriculum with a "social science" orientation.

ACCREDITATION AND OTHER SITE VISITS:

University of Miami (Chair)

Yale University (Chair)

Northwestern University (Chair)

Cleveland State University

University of Minnesota (Chair)

Indiana University (Chair)

Georgia State University (Chair)

Washington State University (Chair)

Loma Linda University

University of Montreal

University of Colorado

Governors State University

Georgia State University

Washington University (St. Louis)

University of Miami

Adelphi University

University of Southern California
University of Washington
Cleveland State University
Northwestern University
New York University
University of Kansas

DOCTORAL DISSERTATION COMMITTEES:

Carolyn Claudy.....Duke University
Linda George.....Duke University
Jane Lesserman.....Duke University
Jesse Simon..... Duke University
Leonard Covit..... Duke University
Gerald Arffa.....Union College
Suzanne Cashman.....Harvard University
Lily Ho.....State University of New York at Albany
Dan Fahey.....Arizona State University
James Marshall.....Arizona State University
Ajay Singh.....Arizona State University
Justine Strand.....University of North Carolina (2007)

BOARD OF DIRECTORS:

Trustee, Pharmacy and Therapeutics Society, 1999-
Secretary, Pharmacy and Therapeutics Society, 1999-
Daughters of Sarah Nursing Home, Albany, New York, Medical Board 1982-1985; Board of
Directors, 1985.
Trustee, Barrow Neurological Institute Foundation, 1992-1995.

ACTIVITIES AND PAPERS AT CONSERVATION OF HUMAN RESOURCES:

Eli Ginzberg, Director.

Task Force on Long Term Care.

Academic Health Center Project, Conservation of Human Resources; Chair, Gary Gambuti, St. Lukes-Roosevelt Hospital Center, 1983-1984.

"Financing Graduate Medical Education," (with Eli Ginzberg), Conservation of Human Resources for Academic Health Center Consultative Group, Fall, 1983.

MANAGEMENT DEVELOPMENT:

HCA, Supply Management Institute (with Larry Smeltzer. 1993).

Veterans Administration, Mentor to Executives at Salt Lake City, Palo Alto and Phoenix V.A., 1995-1996.

American College of Healthcare Executives. Designing Physician Executive Teams for the 1990s. 38th Congress on Administration, Chicago, March 8, 1995, with M. Richardson and H. Greenwald.

AUPHA and the American International Healthcare Alliance, Management development of the New Independent States: Kazakhstan ten day visit.

Samaritan Health Systems Management Development Program 1994 -.

Arizona Health Care Cost Containment System Study: The Impact of AIDS on AHCCCS. Direct AHCCCS AIDS Think Tank, 1988-1990.

Western Network Institute for Healthcare Executives, Faculty Coordinator, University of California at Berkeley, July, 1986.

General Electric Company, Schenectady, New York, Health Cost Containment, Computer Information Systems.

Blue Cross of Northeastern New York, Employee Assistance Program.

Time-Life Corporation, Career Development.

Ellis Hospital, Schenectady, New York, Cost of Residency Programs, Use of P.A.'s.

Albany Medical Center, Albany, New York.

New York State Department of Health, Quality Assurance Programs, Manpower Planning.

Daughters of Sarah Nursing Home, Use of Physician Extenders.

Long Term Care Study Group (Task Force on the regulation of long term care facilities) Office of Health Systems Management, New York State Department of Health, 1979.

Urban Systems, Research and Engineering, Inc., Cambridge, Massachusetts, 1980-1982 (Impact Study of Federal Financial Aide Programs for Minority and Women Dentists Career Choice and Practice Locations).

OTHER ACTIVITIES:

Leader, 1985 Program in Socialized Medicine (U.K., Czech., and Hungary), Summer 1985. Director, Union College, Summer Programs in Health and Human Values, 1981 and 1983.

PRESENTATIONS TO PRACTITIONER ORGANIZATIONS AND EXECUTIVE EDUCATION:

Owens and Minor Board of Directors, July 2010
Vanguard CEO Retreat, July 2010
World Congress on Health Care Business Process Improvement, July 2010
Federation of American Hospitals, 2010 Supply Chain Symposium
Chair, Fourth World Congress on Healthcare Supply Chain, January 2010.
Supply Chain Conference, 2010 HIMMS Conference
Chair, Third World Congress on Healthcare Supply Chain, January 2009
Supply Chain Conference, 2009 HIMMS Conference
Healthcare Supplier/Provider Institute, April 2008
Second World Congress Leadership Summit on Healthcare Supply Chain, January 2008.
HPPI Annual Conference, Orlando, October 2007.
Amerinet Annual Meeting, Nashville & San Diego, 2007.
OR Business Management Conference, May, 2007, Savannah.
Healthcare Supplier/Provider Institute, April 2007
World Congress Leadership Summit on Healthcare Supply Chain Management, January 2007.
Association of Academic Health Centers, San Antonio, October, 2006
Association for Operations Management, Orlando, October 2006
ACHE West Coast, October, Scottsdale 2006
AHRMM, Keynote Speaker, Orlando, August 2006
Broadlane, Executive Retreat, July 2006.
AHRMM Annual Meeting (Keynote), Orlando, 2006
ACHE Two Day Management Development Test, 2006
ACHE Video Conference, 2006
VHA New England, Boston, 2006
VHA Annual Meeting, St. Louis, 2006
VHA Annual Meeting, New Orleans, 2005
HCA Annual Meeting, New Orleans, 2005
Premier Annual Meeting, 2004
VHA Northeast, Chatham, Massachusetts, 2003.
University Health Consortium, Scottsdale, 2003.
NCI, "Physician Influence," Tampa, 2002.
VHA West Coast, "Health Care Sector Shockwaves," Fall 2001.
Standard Register, March 2001
Institute for Quality Improvement," Summer Camp 1999

Ontario Hospital Association 1999
University of New Mexico Medical Center 1998
Colorado HMO Association,- 1997
Samaritan Health Services, 1998
Samaritan Health Services Leadership Conference, 1997
Palo Alto Veterans Administration Medical Center, 1996.
Eisenhower Medical Center, 1995
Samaritan Leadership Conference 1995
College of American Pathologists, San Francisco and Boston, 1994
Health Trust Senior Management Seminar, 1994
Southwest Missouri State University, 1994
Veterans Administration, 1996
San Luis Obispo County Medical Society, 1996
Center for Health Management Research, 1996
Association for Health Services Research, 1996
American College of Healthcare Executives, 1996
American College of Healthcare Executives, 1995
College of American Pathologists, Las Vegas, 1994
Chandler Regional Medical Center, 1993
Phoenix Baptist Hospital, 1993
College of American Pathologists, San Francisco, 1993
Samaritan Health Systems, Phoenix Arizona, 1993
Arizona Health Care Professionals Legislative Group, 1993
College of American Pathologists, Scottsdale, 1993
Tempe, St. Lukes Hospitals, 1992
CyCare, Phoenix Arizona, 1992
Los Angeles County Hospitals, Los Angeles, California, 1992.