

DEBORAH ANNE FREUND

Curriculum Vitae

Distinguished Professor of Public Administration
The College of Arts and Sciences
The Maxwell School of Citizenship and Public Affairs
Former Vice Chancellor and Provost
Syracuse University
Adjunct Professor of Pediatrics and Orthopaedic Surgery
Upstate Medical University, State University of New York

Syracuse University
426 Eggers Hall
Syracuse, NY 13244-1020
(315) 443-3115
E-mail: dfreund@syr.edu

ADMINISTRATIVE EXPERIENCE:

- 1999 – 2006 **Vice Chancellor for Academic Affairs and Provost at Syracuse University (1999-2006), Professor of Public Administration (1999-2004), Distinguished Professor of Public Administration (2004-Present).** Syracuse University has 12 Schools and Colleges, a student body of over 18,000 and an operating budget of about \$1 billion.
- Directly reporting to the Chancellor, Dr. Freund was the chief academic officer in charge of all academic matters including the appointment and evaluation of deans, the appointment and tenure of faculty, research, curriculum related matters and budget.
 - Direct reports included academic deans (The College of Arts and Sciences, The Newhouse School of Public Communications, The Maxwell School, The School of Information Studies, The School of Architecture, School of Education, The L.C. Smith College of Engineering, The Whitman School of Management, The College of Visual and Performing Arts, The College of Law, The College of Human Ecology (formerly Human Services and Health Professions), Continuing Education, The Graduate School and the Dean of the libraries; vice presidents in charge of enrollment management, study abroad, research and information technology (CIO); the associate vice chancellor responsible for space planning and master planning; assistant provosts of undergraduate studies, minority affairs faculty affairs, planning, and budgeting and the Director of Syracuse University Press.
 - Regarding Governance, SU has approximately 55 members on its Board of Trustees. The full Board meets twice yearly. During the remaining months the Executive Committee, comprised of 9 members, meets to act upon any University business that cannot be delayed until the full Board meets. The Provost staffs the Academic Affairs Committee of the SU BoT, and attends the Executive, Budget, Facilities and Investment Committees in an ex-officio role.
- 2006—2007 **Special Advisor to the President on Strategic Planning, The University of Rochester.** Provided assistance to new President on strategic affairs (on leave from Syracuse University).
- 1994 –1999 **Vice Chancellor for Academic Affairs and Dean of The Faculties (IU-Bloomington) and Special Advisor to the President and Vice President of the IU System on Academic Affairs.** The Bloomington campus has 1400 faculty, 11 schools, 38,000 students and an annual budget of about \$900 million in 1999 and is one of 8 campuses in a system budget of \$2 billion.
- As a chief academic officer she reported directly to the Chancellor.
 - Deans had a dotted reporting line, nine associate deans of the faculty and one associate vice chancellor for academic affairs reported to her.
 - Responsibilities included line authority for tenure and promotion, undergraduate education, approval of new curricula and programs at baccalaureate and graduate levels, summer school, continuing education, and representation to the Higher Education Commission (The Coordinating Board).
 - Served as special advisor to the President of the eight campus IU system on tenure and promotion and appointment during her tenure and on special projects between 1994-1995; Served in similar capacity to Vice President for academic affairs 1995-99.
- 1992 - 1994 **Associate Dean for Academic Affairs (SPEA) at Indiana University-Bloomington.** School of Public and Environmental Affairs has 100 faculty on five IU campuses.

- System-wide responsibility for hiring, tenure and promotion, curriculum, accreditation, fund raising, faculty development, and system research.
- Liaison to five chancellors.

1988 - 1992 **Chair of the Health Sciences and Administration Faculty.** School of Public and Environmental Affairs, Indiana University, Bloomington and Indianapolis, Indiana. The faculty has 20 full time equivalent faculty and 20 adjunct faculty in health related disciplines of management, economics, sociology, epidemiology, statistics, law, psychology.

- Faculty is responsible for the bachelors in public health in health administration, for the masters of health administration, and for health policy graduate studies in the public policy Ph.D. program.
- Brought health administration program into top 20 in US News.

1989 - 1999 **Director. The Bowen Research Center,** (formerly the Health Services Research Center) jointly sponsored by the School of Medicine, Department of Family Medicine. The center conducts health policy and health services research at IU which is jointly sponsored by the Department of Family Medicine.

1985 - 1988 **Director of the Program on Health Economics and Finance.** Health Services Research Center, University North Carolina-Chapel Hill.

- Responsible for developing a research program involving other researchers across UNC and Duke.
- Drew off faculty in all health science schools (Medicine, Public Health, Dentistry, Pharmacy and Academic Affairs).

1987-1988 **Director of PhD Program in Health Policy and Administration**

1986 - 1988 **Director of the Clinical Economics Training Program** of the International Clinical Epidemiology Program-University of North Carolina. Funded by the Rockefeller Foundation. This program trains physicians from third world countries in resource allocation methods.

EDUCATION:

- 1980 **Ph.D. in Economics,** The University of Michigan
 Dissertation: An Economic Analysis of the Demand for Medical Care: Differences by Race
 Research Interests: Health Insurance, Medicaid Program, Outcomes Research, Pharmaceuticals and Medical Devices
 Fields: Health Economics, Public Finance, Econometrics
- 1975 **M.A. in Applied Economics,** The University of Michigan
- 1975 **M.P.H. in Medical Care Administration,** The University of Michigan School of Public Health, Department of Medical Care Organization
- 1973 **A.B.,** Washington University, St. Louis Missouri (Major: classics)

SELECTED ACCOMPLISHMENTS:

•

RESEARCH AND FACULTY DEVELOPMENT

Syracuse University:

- Increased sponsored funding by 400% over 7 years. This included increases in funding from NIH, NSF, and foundations. Part of a successful governmental relations effort that successfully brought millions of dollars in capital, program support and endowment from Washington and Albany.
- Developed the Academic Plan, which included charting goals for graduate and undergraduate education. Since implementation, sponsored research has climbed about 400%; stipends have become much more competitive. An increase in NRC rankings is expected.
- Championed interdisciplinary research. Academic plan called for developing four interdisciplinary areas (Citizenship and Governance, Environmental Systems, Information Technology, Collaborative Design) and

strengthening four already significant signature areas: internationalization of the curriculum and study abroad, diversity, writing and the integration of theory and practice.

- Merged three schools to form the College of Human Services and Health Professions (now Human Ecology).
- Personally been Principal Investigator on over \$50 million in sponsored funding from The National Institutes of Health, other agencies in DHHS and private foundations (see academic vita).

Indiana University-Bloomington:

- Restructured tenure process to reaffirm research and promote excellence in teaching
- Developed an Institutional Research Office
- Raised endowment for professorships for excellence in teaching and research
- Introduced strong mentoring and faculty development program
- Spearheaded interdisciplinary initiatives

RESOURCE DEVELOPMENT (GIFTS, CAPITAL, SPONSORED FUNDING)

Syracuse University:

- Involved with all aspects of fundraising including: donor rating, campaign planning, cultivation, proposal development, "asking" and stewardship.
- Was on the team of administrators who comprised the Principal gifts office. Successfully closed gifts for endowed chairs, program support and centers, scholarships, bequests and capital.
- Served as chief "point person" on international fundraising efforts.
- Part of governmental relations team to raise funds in Washington and Albany
- Led a campus space planning process to develop an Academic Space Plan to dovetail the Academic Plan. The plan called for bonding and fundraising for several capital projects. In its entirety, the space plan led to 4 new academic buildings, a substantial addition to the Library, and substantial renovations of 4 other buildings. The plan also led to the acquisition of several buildings in downtown Syracuse meant to help spark its revitalization. Of these, fundraising is completed for all of the new buildings. The new Whitman School building opened in January, 2005. The new Life sciences complex and third Newhouse buildings were completed in 2007 and the renovated architecture building in 2008.

Indiana University-Bloomington:

- Was in charge of system-wide grants that linked all IU to High Schools and was in charge of all large grant activities aimed at improving graduation rates on all Indiana University campuses.
- Obtained \$10 million in grants to improve retention and graduate rates
- Obtained \$10 million in grants to aid city schools.
- Raised funds for two endowed chairs for investigators associated with research center

Created Chancellors' professorships and saw through endowment campaign to fund them.

ACADEMIC HEALTH CENTER AND HEALTH SCIENCES

- Trained as a hospital administrator
- Faculty appointments in Departments of Pediatrics and Orthopedics (Upstate Medical Center), Medicine and Family Medicine (Indiana), Medicine and Pharmacy (UNC), Nursing (Indiana)
- Director--The Bowen Research Center, Indiana University School of Medicine
- Trustee Award for Excellence from the American Hospital Association
- Board of Directors of Excellus Blue Cross and Blue Shield, Excellus Health Plan (HMO and affiliated physician groups) and Med America (long term care insurance company)
- Former Chair of the Board, Health Research and Education Trust
- Board of Directors, The Biomedical Research and Education Foundation
- Former Member of Health Advisory Board, The Alberta Heritage Foundation
- Board of Advisors, The Golisano Children's Hospital at Upstate Medical Center
- Program Assistant (1975) and consultant (1990-present), The Robert Wood Johnson Foundation
- Study sections and ad-hoc study sections: AHRQ, NHLBI, NCI
- Board of Directors, Hospice of Central New York

STUDENT-CENTERED ORIENTATION/ UNDERGRADUATE EDUCATION

Syracuse University:

- Syracuse University was first institution to implement student-centered concept at research institution

- Moved into top 50 in US News, implemented learning communities and theme housing, and increased study abroad all achieving national rankings in US News; Increased community internships and service learning; noted as a “College with a Conscience” by Princeton Review. Added a single shared reading for the freshman class; noted as Gay friendly campus by The Advocate College Guide.
- The undergraduate graduation rate increased from 76% in 1999 to 82% in 2005 and a complete closing of the gap in graduation rates of students from underrepresented background and majority students. The University also experienced an increase in all indicators of student quality (overall class rank, percentage in the top 10%, SAT scores.)
- Created Graduate Enrollment Management Center and increased graduate enrollment; re-engineered doctoral programs; undergraduate student quality has increased yearly.

Indiana University-Bloomington:

- Reengineered undergraduate experience with special attention on freshman year (citation on work appeared in fall 2001 in **Time Magazine**; Winner of the 2003 Hesburg Award)
- Set in place plans to reconceptualize general education
- Introduced freshman interest groups and theme dorms
- Increased persistence rate of at-risk students 15 percentage points
- Implemented four year graduation guarantee
- Reduced waiting lists for core courses in freshman year
- Opened an award winning unit to promote strategic use of technology in the classroom
- Instituted system-wide AA degree
- Instituted system-wide MPH degree

PARTNERSHIP, COMMUNITY ENGAGEMENT AND ARTICULATION AGREEMENTS

Syracuse University:

- Known for excellence in building relationships.
- Championed center of excellence that brought together local businesses and 5 universities to bring greater research and economic development to downtown through research on indoor air. Fundriased a new building built on a brown field downtown
- Architectural and Entrepreneurship Partnerships between university and city leadership to revitalize downtown
- Responsible for articulation agreements with all community colleges and other higher education institutions

Indiana University-Bloomington:

- Met monthly with the Vice Chancellors from the other 7 IU campuses.
- Instituted a cross collaboration style leading to greater effectiveness in administration
- Oversaw articulation agreements with community colleges and other institutions in Indiana, institutional research, faculty development, coordination of all faculty and student retention initiatives, budget allocation, accreditation and program review, student and minority services, and assessment.

DIVERSITY

Syracuse University:

- Increased faculty of color to 40% of all new faculty in most years; new students of color increased from 18-30% of freshman class.
- Partnered with Onondaga National to bring Native American's to Syracuse University
- The difference in graduation rates between majority students and students of color was completely eliminated one of the few in the AAU.
- Faculty numbers were increased and undergraduate students of color increased from 18% to 30% of the student body. The group of Deans, Vice President's and Vice Provost's reporting to Dr. Freund was very diverse.
- Diversified the groups of Deans, Vice Presidents and Vice Provost's reporting to Vice Chancellor and Provost

Indiana University-Bloomington:

- Diversified administrative staff reporting to Vice Chancellor for Academic Affairs
- Increased number of minority and women faculty over a five year period

INTERCOLLEGIATE ATHLETICS

Syracuse University:

- Competes in Big East Conference
- Committee member for NCAA accreditation site visit
- Line authority for athletic admissions procedures

- NCAA-NACUBO--Member of task force on intercollegiate athletics

FINANCES AND FINANCIAL MANAGEMENT

- Excellent financial management skills developed through economics degree, hospital administration training and extensive academic strategic planning experience.
- Supervised Vice Provost for Budget and Vice Provost for Planning.
- Directed a centralized budgeting system and oversaw the implementation of a decentralized budgeting system
- First Provost ever elected to the Board of Directors of the National Association of College and University Business Officers (NACUBO)

PERSONAL RESEARCH:

LARGE GRANTS

- Principal Investigator, Implementation of Physician Based Group Insurance in Baldwin County, Georgia, funded by HCFA. Involved in setting up a prepaid competitive primary health care program for the elderly in rural Georgia. \$1,760,000 - (1981-1985).
- Principal Investigator and Deputy Director for Research, Medicaid Competition Demonstration Evaluation funded by HCFA to consortium including the Research Triangle Institute, the University of North Carolina and others. Study of impact of introducing competition into Medicaid in nine sites. \$4,510,000 (1983-1989).
- Principal Investigator, "Assessing and Evaluating Outcomes: Total Knee Replacement," Agency for Health Care Policy and Research (approved for \$6,378,700). \$5,000,000 (1990-1995).
- Principal Investigator, "Evaluation of Medicaid 1915(b) Waiver Programs." The Health Care Financing Administration, \$752,000 (1993-1997).
- Co-Principal Investigator under subcontract to The Center for Health Economics Research "National Evaluation of the Oregon Health Plan," Health Care Financing Administration, \$3,500,000, (1994-1999).
- Principal Investigator, "The Road to the Baccalaureate: Fostering Student Academic Achievement and Increasing Persistence to Graduation at Indiana University," The Lilly Endowment, \$8,000,000, (1997-2002).
- Principal Investigator, "The Indiana University College Preparatory Program," The Lilly Endowment, \$3,000,000.
- Co-Principal Investigator, "Health Care Access, Quality and Insurance for Children with Special Health Care Needs," Agency for Health Research and Quality, \$1,000,000, (1999-2002).
- Principal Investigator, "The Central New York to Puerto Rico Alliance for Graduate Education and Professoriate," The National Science Foundation, \$2,500,000, (2002- 2006).

OTHER GRANTS

- Co-Principal Investigator, "Quality and Cost Criteria of Supplemental Nurse Staffing", funded by The Robert Wood Johnson Foundation, \$300,000, (2007-2009).
- Principal Investigator, "Pharmaceuticals and The Elderly: A Cross National Comparison of Policies in Seven Countries," funded by The Commonwealth Fund, \$40,641, (June 1999).
- Co-Principal Investigator, "Cost Benefit Analysis of Pharmaceuticals," funded by Smith, Kline and French, \$18,000, (1984).
- Co-Principal Investigator, "An Investigation of Factors Related to Length of Hospitalization," funded by the National Center for Health Services Research, \$263,000, (1981-1983) renewal--\$300,000, (1983-1985).
- Co-Principal Investigator, "Selection of Health Administration Students," funded by Spencer Foundation. \$5,000 (1 year).
- Principal Investigator, "Cost Effectiveness of Different Specialties in Treating Asthma," Asthma Care Trust. \$101,000, (1985-1986).
- Investigator, "National Evaluation of the Arizona Health Care Cost Containment System." Awarded to SRI. I was responsible for analyzing the growth and development of competing health plans. \$5,000,000, (1983-1988).
- Principal Investigator, "A Clinical Health Economics Training Program." The Rockefeller Foundation awarded. \$100,000 per year (1987-1994). (This remained at UNC when left for Indiana University).
- Kellogg National Fellowship, The Kellogg Foundation, \$50,000 (1986-1989).
- Principal Investigator, "Cost-Effectiveness of Drugs in Australia," Pharmaceutical Benefits Scheme. The Ministry of Health, \$21,000, (1989-1990).

- Co-Principal Investigator, "Evaluation of The Campaign for Healthy Babies," funded by the Campaign for Healthy Babies and The Lilly Endowment, \$300,000, (1990-1992).
- Co-Principal Investigator, "Evaluation of Ohio's Medicaid HMO Program." Ohio Department of Human Services, \$578,000, (1990-1992).
- Co-Principal Investigator, "Medicaid Managed Care." The Health Care Financing Administration, \$70,000, (1990-1991).
- Co-Principal Investigator, "Establishment of Departments of Family Medicine." Division of Medicine, Bureau Health Professions, HRSA, \$473,000, (1992-1995).
- Co-Principal Investigator, "Barriers to Health Insurance for the Seriously Ill: Impact on Access, Employment and Well Being." The Robert Wood Johnson Foundation, \$238,374, (1992-1994).
- Co-Principal Investigator. HCFA Research Center, Medicaid/Medicare Ambulatory Research Center, Medicare Hospital Research Center Medicaid Research Center. Cooperative agreements for HCFA contracts, (1992-1995). (With The Center for Health Economics Research, Research Triangle Institute, and Brandeis University)
- Co-Principal Investigator, "State Health Reforms." Health Care Financing Administration, \$42,000, (1993-1995).
- Co-Investigator and Chair of advisory panel, "Research Infrastructure Support for Severely Mentally Ill," The National Institute of Mental Health, \$2,500,000, (1994-1999).
- Co-Principal Investigator, Epidemiologic Research Using the Caremark Data Warehouse, Caremark, \$250,000, (1996-1997).

HONORS AND AWARDS:

- Trustee Award for Excellence-The American Hospital Association, 2007
- Kershaw Prize for best young public policy researcher, Association of Public Policy Analysis and Management, 1991
- Jay s. Drotman Award, to the Young Public Health Professional for Challenging Public Health in a creative manner, The American Public Health Association, 1981
- Senior Fellow, AcademyHealth, 1996 to present
- Fellow National Academy of Social Insurance, elected in 2003
- Elvejham Memorial Lecturer, Medical Society of Wisconsin, 1990
- W.K. Kellogg Foundation National Leadership Fellow, 1986-1989

COMMITTEES AND TRUSTEESHIPS:

- Association of American Universities (1999- 2006)
 - Chief Academic Officers Committee (1999-2006)
 - Committee on Institutional Data (2005-2006)
 - Committee on Foreign Enrollments (2005-2006)
 - Committee on Exchanges with Australia (2005-)
 - Member of Delegation to arrange exchanges with EU (2004)

- Tuition Plan Inc.
 - Board of Directors (2000-2008)

- Manlius Pebble Hill School (2003-2009)
 - Board of Trustees
 - Executive Committee
 - Chair of Major Gifts Committee
 - Committee on Trustees

- National Association of College and University Business Officers (2004-2007)
 - Board of Directors
 - NCAA Committee (2007-2008)

- American Hospital Association
 - Board of Directors - Hospital Research & Educational Trust (1995-2005)
 - Board Chair (2003-2005)

- Arthritis Foundation
 - National Medical and Scientific Committee (1998-2002)

- Board of Directors, Indiana Chapter (1997-1999)
- Blue Ribbon Commission on Research (2000-2001)

Bloomington Hospital Board of Trustee (1997-1999)

The Alberta Heritage Foundation Health Advisory Board (1999-2002)

Loretto, Long Term Care System
 -Board of Trustees (2000-2003)

Hospice and Palliative Care Associates of Central New York
 -Board of Directors (2002- Present)

Lifetime Health Companies (\$ A 7 billion Health Care Company including all Upstate NY Blue-Cross Blue Shield Plans) (2004- Present)

- Governing Board of all companies
 - Finance Committee, member and chair of investment subcommittee
 - Chair of Board Development
- Excellus Health Plan, Board of Directors
- MedAmerica, A long term Care Insurance Company, Board of Directors
- Excellus Blue Cross Blue Shield Syracuse Region Advisory Board

Golisano Children's Hospital
 -Board of Directors
 -Executive Committee
 -Chair Governance Committee (2006-Present)

SUNY Buffalo (2007-2008)
 -School of Public Health Visiting Committee

Biomedical Research and Education Foundation (2007-Present)
 - Board of Directors

National Women's Hall of Fame (2005- Present)
 -Board of Directors
 - Chair, Resource Development Committee

Catholic Charities (2008-Present)
 - Board of Directors

Freedom from Hunger Foundation (2007-present)

The University of California, Berkeley School of Public Health Visiting Committee (2008-present)

CITATIONS AND ELECTED HONORARY SOCIETIES:

- 500 Most Influential People in U.S. Health Care, (Faulkner and Gray)
- International Who's Who in Medicine, 1988-present.
- Delta Omega Public Health Honorary Society, elected in 1983.
- Who's Who of American Women, 1982-present.
- Mortar Board National Women's Honorary Society, elected in 1972.
- Chimes National Women's Honorary Society, elected in 1971.
- Who's Who Registry of Global Business Leaders.

INTERNATIONAL COMMISSIONS, Grants and Activities:

- AAU Committee on Foreign Enrollments, 2005-present
- AAU Visiting Committee on Foreign Exchanges with Germany and EU—2004
- Chair, AAU Committee on Exchanges with G08 Australian Universities—2005- present
- Member of Australian National University Quality Review Committee—2004
Produced report, "A University with a Difference."
Panel also included: Sir Colin Lucas, VC of Oxford University (1997-2004),
Sir David Williams, VC of University of Cambridge (1989-1996)
Thomas Everhart, President Emeritus, Cal Tech
Frank Shu, President National Sing Hua University Taiwan
- Principal Investigator, Opening a Digital Library in North Korea—Luce Foundation and Korea Society, 2003-present
- Oversaw Syracuse University Division of Students Abroad—1999-2006
- Rockefeller Foundation International Clinical Epidemiology Network—1982-88
Training Physicians in Asia (China, Thailand, China, India, Indonesia, Colombia, Brazil)
- Alberta Heritage Foundation Health Advisory Board, Edmonton Alberta, Canada, 1999-2002
- Visiting Professor London University School of Hygiene, London, England 1993
- Visiting Professor Australian National University, Canberra, Australia, summers 1989, 1991, 1992, 2004
- Visiting Professor Monash University, Melbourne Australia, 1991
- Visiting Professor Keio University, Tokyo Japan, 1988
- Board of Brookdale Institute, Jerusalem Israel (sponsored by Joint Distribution Committee), 1980s
- International Fundraising in Korea, 2004 to present

SELECTED PUBLIC SERVICE COMMISSIONS AND CONSULTANTSHIPS:

- States of Arizona, South Carolina, Utah, Mississippi, Colorado, California, New York, Illinois, Missouri, Kansas, Washington (Medicaid)
- North Carolina Hospital Association (HMO enrollment)
- National Association of Blue Cross and Blue Shield Plans and Blue Cross Blue Shield of North Carolina (PPO's, HMOs)
- The American Enterprise Institute (Competition)
- Stanford Research Institute (Research on Competition)
- Josiah Macy Foundation (Implementation Issues in National Health Insurance)
- Greater New York Hospital Association (Managed Care)
- The Health Care Financing Administration (Medicaid)
- Israel Ministry of Health, Jerusalem, Israel (Health Policy Analysis)
- The Urban Institute (ESRD Capitation Research)
- Greater New York Hospital Association (HMOs)
- Research Triangle Institute (Social HMOs Long Term Care Demand)
- Organization of Economic Cooperation and Development (Incentives)
- Lewin and Associates Project on PPOs for Private Health Care Systems
- Consumer Health Services (Database Management for Medicaid Programs)
- Consumer Health Services (Health Care Marketing)
- New York State Legislature (Managed Care)
- New York State Department of Health (UNYCARE)

- Committee on National Health Insurance (Statistics)
- Ancilla Systems (East St. Louis Redevelopment)
- The United Hospital Fund (Managed Care)
- Commissioner of Health Services, California (Medicaid Managed Care)
- Glaxo Pharmaceuticals (Drug Reimbursement)
- Pharmaceutical Manufacturers Association (Cost Benefit Analysis of Drugs)
- Marion Merrill Dow (Cost Benefit Analysis of Drugs)
- Syntex Pharmaceuticals (Cost Benefit Analysis of Drugs)
- Sandoz Pharmaceuticals (Cost Benefit Analysis of Drugs)
- American Academy of Orthopaedic Surgeons (Outcomes Research)
- Eli Lilly (Pharmaceutical Pricing)
- Upjohn Pharmaceuticals
- Schering Laboratories
- Smith Kline Beecham Pharmaceuticals
- Governor Bayh's (IN) Medicaid Advisory Committee

SELECTED TESTIMONY:

House Ways and Means Committee
 Senate Finance Committee
 Physicians Payment Review Commission
 Congressional Budget Office
 House Committee on Labor
 House Subcommittee on Regulation

ACCREDITATION COMMITTEES:

- North Central Association of Colleges and Schools
 - University of Minnesota
- Middle States Commission on Higher Education
 - Carnegie Mellon
 - The University of Rochester
 - Central European University

NEWSPAPER INTERVIEWS:

The Raleigh News and Observer
 The Durham Morning Herald
 The Charlotte Observer
 The New York Times
 Medical World News
 The Philadelphia Inquirer
 The Chicago Sun Times
 U.S. News and World Report
 Chicago Tribune
 The Wall Street Journal
 The Herald Times
 The Indianapolis Star
 The Associated Press
 The Syracuse Post Standard

ACADEMIC EXPERIENCE:

2006-Present **Visiting Professor of Business Administration and Preventive and Community Medicine**, The University of Rochester

2004-Present **Distinguished Professor of Public Administration and Economics (by courtesy)**, The College of Arts and Sciences and The Maxwell School of Citizenship and Public Affairs, Syracuse University

- 1999 – 2004 **Professor of Public Administration and Economics**, The Maxwell School of Citizenship and Public Affairs and The College of Arts and Sciences. Syracuse University
- 2002 – Present **Adjunct Professor. Orthopedics and Pediatrics**, The State University of New York Upstate Medical University.
- 1988 - 1999 **Professor of Public Affairs, (health economics)**. School of Public and Environmental Affairs, Indiana University, Bloomington and Indianapolis, Indiana.
- 1988 - 1999 **Professor of Medicine and Family Medicine (part time)**. School of Medicine, Indiana University, Indianapolis, Indiana.
- 1988 - 1994 **Professor of Economics (part time)**. Department of Economics, Indiana University, Bloomington, Indiana.
- 1987 - 1988 **Director of the Doctoral Program**. School of Public Health, Department of Health Policy and Administration, The University of North Carolina at Chapel Hill.
- 1979 - 1988 **Associate Professor (with tenure 1986-1988), Assistant Professor (1980-1986), Instructor (1979-1980)**. University of North Carolina at Chapel Hill School of Public Health, Department of Health Policy and Administration. Responsible for teaching and research on health economics in Departments of Health Policy and Administration and Economics. (Courses included undergraduate health economics I, health economics II, policy analysis methods, econometrics, and alternative delivery systems.)
- 1988 - present **Adjunct Professor**. School of Public Health, Department of Health Policy and Administration, The University of North Carolina at Chapel Hill.
- 1979 - 1984 **Adjunct Assistant Professor of Health Economics**. Duke University, Department of Health Administration.
- 1979 - 1988 **Core Faculty Member**. Bush Institute for Child and Family Policy, University of North Carolina at Chapel Hill. Taught cost benefit analysis to non-economists.
- 1979 - 1988 **Core Faculty Member**. Robert Wood Johnson Clinical Scholars Program, University of North Carolina at Chapel Hill. Taught clinical economics to physicians and advised many on their thesis.
- 1977 - 1979 **IPA** to National Center for Health Services Research, Department of Health and Human Services. Involved in designing the survey and analyzing data from the National Medical Care Expenditure Survey. Primary responsibility involved analyzing the demand for medical care, the demand for health insurance, and the impact of poor health on labor supply.
- 1976 - 1977 **Research Associate**. Health Manpower Policy Studies Group, Bureau of Hospital Administration, The University of Michigan, School of Public Health. Involved in giving technical assistance in the areas of national health insurance policy, primary care, and medical education to State legislators and members of the Executive Branch in Michigan. Activities ranged from information discussions to written communications and papers.
- 1975 - 1976 **Program Assistant**. The Robert Wood Johnson Foundation, Princeton, New Jersey. Part of a team responsible for developing and designing research methodologies for evaluating a series of Foundation national programs which were demonstration projects of new health care delivery modes. Also responsible for grants management in area of health policy research.
- 1974 **Intern to Deputy Commissioner for Medical Assistance (Medicaid) in New York State**. Department of Social Services. Assisted in developing the State's prepaid Medicaid program and in the negotiation of resulting contracts. Participated on Governor's task force on national health insurance and CHP (A) agency task force on HMO regulation.
- 1971 - 1973 **Research Assistant**. Departments of Health Care Research and Surgery, Washington University, School of Medicine. Involved in analysis of utilization data for the Medical Care Group, a university hospital based prepaid group practice (HMO). Also investigated effects of organization and financing of

surgical insurance on surgical utilization for the Study of Surgical Services for the U.S. (SOSSUS), a study financed through HEW and the American College of Surgeons.

VISITING PROFESSORSHIPS:

- Keio University, Department of Economics, June 1988
- Australian National University, summers 1989, 1991, 1992, 2004
- Stanford University, School of Medicine, January-April 1993
- The University of London, April-August 1993
- Harvard Medical School, July-December, 1997

NAMED LECTURESHIPS/KEYNOTE ADDRESSES:

Keynote Speaker: "Medicaid, Managed Care and Kids" Lourie Lecture, Syracuse University, October, 2000

Keynote Speaker: An Update on Medicaid Managed Care, National Conference for Medicaid Administrators, The University of Illinois at Chicago, June, 1998

University Grand Rounds Distinguished Lecturer, "Outcomes Research: Experiences of a Patient" Outcomes Research Team, The University of Nebraska, Omaha and Lincoln, March, 1998

Keynote Speaker, "Health Services Research and Its Impact on Policy: Lessons from Medicaid Managed Care," First Annual Chicago Health Services Research Symposium, Chicago, Illinois, February, 1997.

Matt Weis Lecture, "Health Care Reform: The Nation and the States," St. John's Mercy Medical Center, St. Louis, Missouri, April, 1995.

Keynote Speaker, "State Health Reform Initiatives Under Section 1115: A Progress Report," 1994 State Medicaid Directors' Conference in cooperation with the Health Care Financing Administration U.S. Department of Health and Human Services, Washington, D.C., November, 1994.

Keynote Speaker, "Medicaid Managed Care: Where Have We Been? Where Are We Going? and How Do We Get There?," State Medicaid Directors' Association Managed Care Conference, sponsored by The American Public Welfare Association and The National Academy for State Health Policy, Scottsdale, Arizona, September, 1994.

Keynote Speaker, "Does Health Care Reform Require Rationing?" Sixth Annual Managed Care Directors' Conference, San Antonio, Texas, September, 1994.

Keynote Convener, "The Australian Guidelines," First International PharmacoEconomics Congress, PharmacoEconomics: Theory into Practice, Geneva, Switzerland, March, 1994.

Keynote Speaker, "An Evaluation of The Australian Guidelines," Sixth European Symposium Health Economics, Brussels, Belgium, November, 1993.

Keynote Speaker, "Managed Care and Health Reform," The University of Michigan Biennial Forum on Health Care, September, 1993.

Keynote Speaker, "Length of Stay among Patients with Knee Arthritis," European Health Economics Forum, Glasgow, Scotland, July, 1993.

University Lecturer, "The Patient Outcome Research Team on Knee Arthritis," Oxford University, Huffield College, June, 1993.

University Distinguished Lecturer, "Patient Outcomes Research and Its Relevance for Management," The University of Iowa, October, 1992.

University Lecturer, "Medicaid Competition: Does It work?" Ohio State University, May, 1991.

The Thomas Lecturer, "Health Care Costs: Sources and Solutions," Knox College, Galesburg, Illinois, February, 1991.

The National Medical Enterprises Lecturer, "Medicare and Public Policy," The University of Southern California, January, 1991.

Conrad Elvehjem Lecture, "New Shapes for Old Wheels: Are There Lessons To Be Learned?" April, 1990.

REFEREED ARTICLES:

Parker, Barnett R. and Deborah A. Freund. "Developing Effective Selection Policy Models for Master's Candidates in Health Administration." Health Administration Education, 1(4)(Fall 1983): pp. 397-422.

Sandler, Robert S., Deborah A. Freund, Charles A. Herbst and Dale P. Sandler. "Cost Effectiveness of Postoperative Carcinoembryonic Antigen Monitoring in Colorectal Cancer." Cancer, 53(1)(1984): pp. 193-198.

Freund, Deborah A. "Equality of Opportunity and the Demand for Medical Care by Race." The Quarterly Review of Economics and Business, 24(1)(Spring 1984): pp. 41-55.

Parker, Barnett R. and Deborah A. Freund. "Cost Per Service Differentials in Local Health Departments." The American Journal of Preventive Medicine, 1(1)(1985): pp. 41-50.

Freund, Deborah A. and Jay D. Shulman. "Regulation of the Professions: Results from Dentistry." Advances in Health Economics and Health Services Research IV, 5(1)(1985): pp. 161-180.

Freund, Deborah A. and Kathryn S. Allen. "Factors Affecting Physicians' Choice to Practice in a Fee-for-Service Setting Versus an Individual Practice Association." Medical Care, 23(6)(June 1985): pp. 799-809.

Freund, Deborah A., Richard H. Shachtman, Marshall Ruffin and Dana Quade. "Analysis of Length of Stay Differences between Investor-Owned and Voluntary Hospitals." Inquiry, 22 (Spring 1985): pp. 33-44.

McLaughlin, Curtis P., Thomas C. Ricketts, Deborah A. Freund, and Cecil G. Sheps. "An Evaluation of Subsidized Rural Primary Care Programs: IV. Impact of the Rural Hospital on Clinic Self-sufficiency." American Journal of Public Health, 75(7)(July 1985): pp. 749-754.

McCall, Nelda, D. Henton, S. Haber, M. Crane, Deborah Freund, and W. Wrightson. "An Evaluation of the Arizona Health Care Cost Containment System: The First Eighteen Months." Health Care Financing Review, 7(2) (1985): pp. 77-88.

Schachtman, Richard H., Steven M. Snapinn, Dana Quade, Deborah A. Freund and Alan K. Kronhaus. "A Method for Constructing Case-Mix Indexes for the Study of Hospital Length of Stay." Health Services Research, 20(6) (February 1986): pp. 737-762.

Freund, Deborah A. "Private Delivery of Medicaid Services: Lessons for Administrators, Providers and Policymakers." The Journal of Ambulatory Care Management, 9(2) (1986); pp. 54-65.

Freund, Deborah A. and Robert E. Hurley. "Managed Care in Medicaid: Selected Issues in Program Origins, Design and Research." The Annual Review of Public Health, 8 (1987): pp. 137-163.

Freund, Deborah A. and Edward Neuchler. "Overview of Medicaid Capitation and Case-Management Initiatives." Health Care Financing Review, January 1987: pp. 21-30.

Freund, Deborah A. "Competitive Health Plans and Alternative Payment Arrangements for Physicians in the United States: Public Sector." Health Policy, 7 (1987): pp. 163-173.

Hurley, Robert E. and Deborah A. Freund. "A Typology of Medicaid Managed Care." Medical Care, Vol 26, No 8, August 1988, pp. 764-774.

Hurley, Robert E. and Deborah A. Freund. "Provider Selection or Assignment in a Mandatory Case Management Program: Determinants and Their Implications for Utilization." Inquiry, Vol 25, No. 3, Fall 1988, pp. 402-410.

Freund, Deborah A., Jane Stein, Robert E. Hurley, Winslow Engel, Alison Woomert and Betsy Lee. "The Kansas City Asthma Care Project: Specialty Differences in the Cost of Treating Asthma." Annals of Allergy, Vol 60 (January 1988), pp. 3-7.

Freund, Deborah A., Robert E. Hurley, John R. Paul, and Charles Grubb. "Interim Findings from the Medicaid Competition Demonstrations." Advances in Health Economics and Health Services Research, Vol. 10, 1989, pp. 153-182.

Engel, Winslow, Deborah A. Freund, Jane Stein and Robert H. Fletcher. "The Treatment of Patients with Asthma by Specialists and Generalists." Medical Care, Vol 27, No 3, March 1989, pp. 306-314.

Hurley, Robert E., Deborah A. Freund and Capt. Donald E. Taylor. "Emergency Use and Primary Care Case Management: Evidence from Four Medicaid Demonstration Programs." American Journal of Public Health, Vol 79, No 7, July 1989, pp. 843-847.

Freund, Deborah A., Jane Stein, Robert E. Hurley, Winslow Engel, Alison Woomert and Betsy Lee. "Specialty Differences in Treatment of Asthma." Allergy and Clinical Immunology, Vol 84, No 3, Sept 1989, pp. 401-406 (reprinted from Annals of Allergy).

Hurley, Robert E., Deborah A. Freund and Capt. Donald E. Taylor. "Gatekeeping the Emergency Department: Impact of a Medicaid Primary Care Case Management Program." Health Care Management Review, Vol 14, No 2, Spring 1989, pp. 63-72.

Eisenberg, John M., Deborah A. Freund, Henry Glick, Jane Hall, Scott Halstead, Roberta LaBelle and the INCLIN Economics Faculty. "Clinical Economics Education in the International Clinical Epidemiology Network." The Journal of Clinical Epidemiology, Vol 42, No 7, 1989, pp. 689-695.

Freund, Deborah A. "Has Public Sector Contracting with Health Maintenance Organizations in the United States Saved Money?" Australian Health Economics Group, 1989.

Palmer, Robert M., Robert M. Saywell, Jr, Terrell Zollinger, Brenda K. Erner, A. Dean LaBov, Deborah A. Freund, John E. Garber and Frank Throop. "The Impact of the Prospective Payment System on the Treatment of Hip Fractures in the Elderly." Archives of Internal Medicine, Vol 149; October 1989, pp. 2237-2241.

Luft, F.C., Tierney, W.M., Freund, D.A. "Health Care Policy for Urban Patients with Renal Insufficiency: Are there better options?" Transplant Proc, Vol 21, 1989, p. 3387.

Hurley, Robert E., John R. Paul and Deborah A. Freund. "Going into Gatekeeping: An Empirical Assessment." Quality Review Bulletin, Vol 15, No. 10, 1990, pp. 306-314.

Freund, Deborah A., Louis F. Rossiter, Peter D. Fox, Jack A. Meyer, Robert E. Hurley, Timothy S. Carey and John R. Paul. "Evaluation of the Medicaid Competition Demonstrations." Health Care Financing Review, Vol 11, No 2, 1990, pp. 81-97.

Freund, Deborah A., Robert E. Hurley, Killard W. Adamache and Josephine Mauskopf. "The Performance of Urban and Public Hospitals and Neighborhood Health Centers under Medicaid Capitation Programs." Hospital and Health Services Administration, Vol 35, No 4, Winter 1990, pp. 525-546.

Freund, Deborah A., Robert S. Dittus, John Fitzgerald and David Heck. "Assessing and Improving Outcomes: Total Knee Replacement." Health Services Research, Vol 25, No 5, December 1990, pp. 723-726.

Hurley, Robert E., Deborah A. Freund and Barbara J. Gage. "Gatekeeper Effects on Patterns of Physician Use." Journal of Family Practice, Vol 32, No 2, February 1991, pp. 167-174.

Hurley, Robert E., Barbara J. Gage and Deborah A. Freund. "Rollover Effects in Gatekeeper Programs: Cushioning the Impact of Restricted Choice." Inquiry, Vol 28, No 4, Winter 1991, pp. 375-84.

Freund, Deborah A. "Perspectives on the Outcomes Movement." Frontiers of Health Services Management, Vol 8, No 2, 1991, pp. 49-53.

Freund, Deborah A. and Roy Harvey, "Making it Better." Medical Journal of Australia, Vol 155, November 4, 1991.

Freund, Deborah A. and Robert S. Dittus. "Principals of Pharmacoeconomic Analysis of Drug Therapy." PharmacoEconomics, Vol 1, No 1, 1992: pp. 20-29.

Freund, Deborah A., David Evans, David Henry, and Robert Dittus. "Implications of Australian Guidelines for the United States," Health Affairs, Winter 1992, 202-206.

Fitzgerald, John, Deborah A. Freund, Brenda Hughett and Gerald McHugh. "Influence on Organizational Components on the Delivery of Asthma Care," Medical Care, Vol 31, No MS61-MS72.

Henry, D., Deborah A. Freund, D. Evans, "Comments on: Johannesson M., Australian Guidelines for Subsidization of Pharmaceuticals," PharmacoEconomics, Vol 2, No 1, 1992, pp. 221-25.

Drummond, MF, Bloom BS, Freund DA, Evans, D, Henry, DA, Dittus, RS, "Peer Review Prescription Policy in Australia", Health Affairs, vol. 11, Winter, 1992, pp. 191-206

Freund, Deborah and Eugene Lewit, "Managed Health Care For Children and Pregnant Women: Promises and Pitfalls." The Future of Children, Vol 3, No 2, Fall 1993, pages 92-123.

Lave, Judith (Deborah Freund and others in the inter-PORT group), "Costing Medical Care Using Medicare Administrative Data." Medical Care, vol. 32, no. 7, supplement, 1994, pp. 1577-1589.

Tierney, William, J.F. Fitzgerald et.al., "Tricompartmental Knee Replacement: A Comparison of Orthopaedic Surgeons' Self Reported Performance Rates with Surgical Indications, Contraindications, and Expected Outcomes," Clinical Orthopaedics and Related Research, No. 305, August, 1994, pp. 209-217.

Coyte, Peter C., J. Wright, E. Ho, G. Hawker, B. Katz, J. Paul, D. Freund, "Waiting Times for Orthopaedic Consultations and Knee Replacement Surgery in the United States and Ontario, Canada." The New England Journal of Medicine, October 20, 1994, pp 1068-1071.

Coyte, P., Hawker, G.A., Wright, J., Freund, D., et al. Regional Variation in the Utilization of Knee Replacement Procedures and the Supply of Orthopaedic Surgeons in Ontario, Canada. *Proceedings from the Fifth Canadian Conference on Health Economics*, 1994.

Freund D.A., Kath, B.P., Callahan C.M. Patient outcomes research teams: Examples from a study on knee replacement. *New York Academy of Science* 1994; 703:86-95

Coyte, P., Hawker, G.A., Wright, J., Freund, D., et al. Regional Variation in the Utilization of Knee Replacement Procedures and the Supply of Orthopaedic Surgeons in Ontario, Canada.

Paul, J.E., Melfi, C.A., Smith, R.K., Freund, D.A., Katz, B.P., Coyte P.C., Hawker, G.A., Linking Primary and Secondary Data for Outcomes Research: Methodology of the Total Knee Replacement Patient Outcomes Research Team. *Proceedings of the National Center for Health Statistics (NCHS) Conference*: 203-208, 1995.

Paul, J., Melfi, C.A., Smith, T., Freund, D.A., Coyte, P., Hawker, G.A. Linking primary and secondary data for outcomes research: Methodology of the total knee replacement patient outcomes research team. *Proceedings of the Sixth Conference on Health Survey Research Methods*, Breckenridge, Colorado, June 24-26, 1995; DHHS Publication No. (PHS) 96-1013:203-8

Freund, Deborah A., R. Hurley, "The Contribution Of Medicaid Managed Care To Health Reform: From An Alternative to a Mainstream Delivery System," Annual Review of Public Health, 1995, Vol 16, 1995, pp. 473-95.

Wright, James, P. Coyte, G. Hawker, et. al., "Variations in Orthopaedic Surgeon's Perceptions of the Outcomes and Indications for Knee Replacement." Canadian Medical Association Journal, March 1, 1995; 152(5) pp. 687-697.

Holmes, Ann M., Steven D. Culler and Deborah A. Freund, "Recommendations for Presentation of Variable Estimates of Guideline Costs," in Mary L. Grady and Kathleen A. Weis (eds.), Conference Proceedings: Cost Analysis Methodology for Clinical Practice Guidelines, U.S. Dept. of Health and Human Services, Public Health Service, Agency for Health Care Policy and Research, AHCPR Publication, No. 95-0001, March, 1995.

Freund, Deborah A., R. Dittus, "Double-Blind, Placebo-Controlled Trial of Daunorubicin and Cytarabine With or Without Recombinant Human Granulocyte Colon-Stimulating Factor in Elderly Patients With Acute Myeloid Leukemia: Economic Evaluation With Attention to Inpatient and Outpatient Resource Utilization." Monographs, Journal of the National Cancer Institute, No. 19, 1995, pp. 37-40.

Wright, James, D. Heck, G. Hawker, R. Dittus, J. Fitzgerald, D. Freund, D. Joyce, J. Paul, W. Young, P. Coyte, "Rates of Tibial Osteotomies in Canada and United States," Clinical Orthopaedics and Related Research, Volume 319, Number 319, October, 1995, pp. 266-275.

Katz, Berry P., D.A. Freund, D. Heck et al., "Demographic Variation in Counts and the Rate of Knee Replacement: A Multi-Year Analysis," Health Service Research, Vol. 31, No. 2, June 1996, pp. 126-140.

Hillman AL, MK Brenner, AL Caplan, J Carey, Y Champey, D. Freund, et al., "Gene Therapy: Socioeconomic and Ethical Issues, a Roundtable Discussion," Human Gene Therapy, 7(9):1139-44, 1996 June 10.

Freund, Deborah A., "Initial Development of the Australian Guidelines," Medical Care, Vol. 34, No. 3, 1996 pp. DS211-DS216, Supplement.

Kinney, Eleanor, D. Freund, M. Camp, K. Jordan and C. Mayfield, "Serious Illness and Private Health Coverage: A Unique Problem Calling for Unique Solutions," The Journal of Law, Medicine & Ethics 1997 Summer-Fall; 25 (2-3); pp.180-91.

Mazzuca, S., K. Brandt, B. Katz, R. Dittus, D. Freund, R. Lubitz, G. Hawker, and G. Exckert, "Comparison of General Internists, Family Physicians, and Rheumatologists Managing Patients with Symptoms of Osteoarthritis of the Knee," Arthritis Care and Research, 10(5):289-99, October 1997.

Ritter, M., L. Mamlin, C. Melfi, B. Katz, D. Freund, and D. Arthur, "Outcome Implications for the Timing of Bilateral Knee Surgery in the Elderly," Clinical Orthopaedics and Related Research, No. 345, December, 1997, pp. 99-105.

Hawker, Gillian, J. Wright, P. Coyte, J. Paul, R. Dittus, R. Croxford, B. Katz, C. Bombardier, D. Heck, D. Freund. "Health-Related Quality of Life after Knee Replacement," The Journal of Bone and Joint Surgery, Vol. 80-A, No. 2. pp 163-173, 1998

Freund, D., and B. Luce, "The Role of Government and Private Insurers in Guiding and Implementing Pharmacoeconomic Analyses," PharmacoEconomics.Vol. 13, No. 4, 1998, pp. 383-387.

Freund, D., and M. Greenlick, "A Mini-Symposium on Managed Care: Introduction," Annual Review of Public Health, 1998; Vol. 19, pp. 455-57.

Heck, D., C. Melfi, L. Mamlin, B. Katz, D. Arthur, R. Dittus and D. Freund, "Revision Rates Following Knee Replacement in the United States," Medical Care, Vol. 36, No. 5, pp. 661-669, May 1998.

Gutierrez Benjamin, S. Culler and D. Freund, "Does Hospital Specific Procedure Volume Impact Treatment Costs?" Health Services Research, Vol. 33, No. 3, pp. 489-51, August 1998.

Heck, D.A., R. Robinson, C.m. Partridge, R. Lubitz, and D.A. Freund, "Patient Outcomes after Knee Replacement", Clinical Orthopedics and Related Research, Vol 356, pp. 1-18, 1998

Mamlin, Lorrie A., Melfi, C., M. Parchman, B. Gutierrez, D. Allen, B. Katz, R. Dittus, D. Heck, D. Freund, "Management of Osteoarthritis of the Knee by Primary Care Physicians," Archives of Family Medicine, Vol 7, Nov/Dec 1998, pp. 563-567.

LoSasso, A., N. Gavin and D. Freund, "Children's Preventive Care Use Under Two Mature Medicaid Managed Care Plans in California," Health Care Financing Review, 1998;19(4):69-83.

Freund, D., T. Kniesner, and A .LoSasso, "Dealing with the Common Econometric Problems of Count Data with Excess Zeros, Endogenous Treatment Effects, and Attrition Bias," Economics Letters, 62 (1999) pp. 7-12.

Freund, D., J. Lave, C. Clancy, et al., "Patient Outcomes Research Teams: A Contribution to Outcomes and Effectiveness Research," Annual Review of Public Health, vol 20, 1999, pp. 337-359.

Katz, BP, X-H Zhou, S. Gao, D. Heck, D. Freund, "Comparison of Revision Rates Following Staged and Simultaneous Bilateral Knee Replacement in The United States," accepted for publication in The Journal of Clinical Outcomes Management, vol 6, no.8, 1999, pp 30-34.

J. Wright, G. Hawker, C. Bombardier, R. Croxford, R. Dittus, D. Freund, P. Coyte, "Physician Enthusiasm As an Explanation for Area Variation in the Utilization of Knee Replacement Surgery," Medical Care, vol 37, no. 9, Sept. 1999, pp. 946-956.

Dittus, R., B. Katz, D. Freund, J. Paul, J. Fitzgerald, D. Heck, "Operative Mortality Among Medicare Recipients Undergoing Total Knee Replacement," accepted for publication in Archives of Internal Medicine.

Freund, Deborah, D. Willison, et al., "Outpatient Pharmaceuticals and the Elderly: A Comparison of Policies in Seven Nations," Health Affairs, May/June, 2000, pp. 259-266.

Freund, Deborah and Frank Lichtenburg, "The Impact of Quality-Related Practices on Health Outcomes in Hospitals."

LoSasso, A. and D. Freund, "A Longitudinal Evaluation of the Effect of Medi-Cal Managed Care on Supplemental Security Income and Aid to Families with Dependent Children Enrollees in Two California Counties," Medical Care, Volume 38, no. 9, September 2000, pp. 937-947.

Coyte, P., Hawker, G.A., Wright, J., Freund, D., et al. Regional Variation in the Utilization of Knee Replacement Procedures and the Supply of Orthopaedic Surgeons in Ontario, Canada.

Ming Tai Seale, A. LoSasso, D. Freund, et al, "The Long Term Effects of Medicaid Managed Care on Obstetrical Care in Three California Counties," Health Services Research, volume 36, no. 4, August ,2001.

Ming Tai Seale, D. Freund and A. LoSasso, "Racial Disparities in Service Use among Medicaid Beneficiaries after Mandatory Enrollment in Managed Care: A Difference-in-Differences Approach," Inquiry, Vol. 38, Spring 2001 pp. 49-59.

N. Swignoski, E. Kinney, D. Freund and T. Kniesner, "Unfinished Business: Inadequate Health Coverage for Privately Insured, Seriously Ill Children," Children's Health Care, Vol. 30, No. 3, Spring 2001 pp. 219-236

D. Ayers, P. Franklin, P. Trief, R. Ploutz-Snyder, D. Freund, "Psychological Attributes of Preoperative Total Joint Replacement Patients: Implications for Optimal Physical Outcome," submitted to The Journal of Arthroplasty Spring 2004.

PUBLISHED ABSTRACTS

Hawker, G.A. Coyte, P., Wright, J., Dittus, B., Freund, D., Melfi, C., et al. Determinants of Length of Stay for Knee Replacement Surgery in the US and Ontario, Canada. Arthritis Rheum; 35:S90, 1992.

Hawker, G.A., Coyte, P., Wright, J., Bombardier, C., Freund, D., Paul, J. et al. A Comparison of Knee Replacement Rates for the United States (US) and Ontario, Canada. Arthritis Rheum; 35: S89, 1992.

Hawker, G.A., Coyte, P., Wright, J. Dittus, B., Freund, D., Paul, J. et al. Mortality Following Knee Replacement in Elderly Knee Replacement Recipients. Arthritis Rheum; 35:S90, 1992.

Lubitz, R.M., Hawker, G.A., Dittus, R.S., Freund, D., et al. Should Morbid Obesity be a Contraindication for Knee Replacement Surgery? Arthritis Rheum; 36:S85, 1993.

Hawker, G.A., Coyte, P.C., Bombardier, C., Freund, D., Wright, J.G. Canadian Orthopaedic Surgeons' Attitudes About Total Knee Replacement. Arthritis Rheum; 36:S168, 1993.

Hawker, G.A., Bombardier, C., Freund, D., Dittus, R.S., et al. U.S. Survey of Knee Replacement Recipients to Assess Short and Long-Term Outcomes. Arthritis Rheum; 36:S85, 1993.

Westmoreland, G.R., R. Dittus, J. Paul, et al., "Outcomes of Care Following Total Knee Replacement in Patients Over Age Eighty-Five," Clinical Research, 1993, 41, 531A.

Lubitz, R.M., R.S. Dittus, D. Freund et al., "Should Morbid Obesity be a Contraindication for Knee Replacement Surgery?" Clinical Research, 1993; 41 (2):544A.

Freund, D.A., B. Katz, C. Callahan, "Patient Outcomes Research Teams: Examples from a Study on Knee Replacement. Doing More Good Than Harm: The Evaluation of Health Care Interventions," Annals of the New York Academy of Sciences, Vol 703, pp. 86-95, 1993.

Krippendorff, R.L, R.M., Lubitz, R.S. Dittus et al., "Effects of Obesity on Outcomes Following Knee Replacement," Journal of General Internal Medicine, 1994; 9 (supp 2):105.

Lubitz, R.M., R.S. Dittus, M.F. Moran et al., "Patients Receiving Care for Knee Osteoarthritis: A Community-Based Comparison of Pre-Surgical and Non-Surgical Patients," Journal of General Internal Medicine, 1994; 9 (supp 2):59.

Mazzuca, S.A., K.D. Brandt, B.P. Katz et al., "Drug Management of Knee Osteoarthritis (OA) by Rheumatologists (RH) and Primary Care Physicians (PCP)," @ Arthritis and Rheumatism 1994;37(9):S229.

Mazzuca, S.A., K.D. Brandt, B.P. Katz et al., "Differences in Nonpharmacologic Management of Knee Osteoarthritis (OA) by Rheumatologists (Rhs) and Primary Care Physicians (PCP)," Arthritis and Rheumatism 1994;37(9):S229.

Coyte, Peter C., J. Wright, D. Freund, D. Heck, G. Hawker, "Regional Variation in the Utilization of Knee Replacement Procedures and the Supply of Orthopaedic Surgeons in Ontario," Proceedings from Fifth Canadian Conference on Health Economics, 1994.

Lubitz, R., R. Dittus, M. Moran, et al., "Patients Receiving Care for Knee OA: A Community-Based Comparison of Pre-Surgical and Non-Surgical patients," Journal of General Internal Medicine, 1994; 9, 59.

Fleming-Moran, M., E. Braunstein, R. Robinson, R. Lubitz, R. Dittus, D. Freund, "Are X-ray Findings Associated with Severity of Pain in Knee Arthritis?" American Journal of Public Health, 1995.

Krippendorff, R.L., R.M. Lubitz, R.S. Dittus, M. Moran, R. Robinson, X. Zhou, D. Freund, D. Heck, J. Wright, P. Coyte, and G. Hawker, "Severe Obesity and Outcomes Following Knee Replacement," Journal of General Internal Medicine, 1995; 10: 122.

Lubitz, R., R. Dittus, M. Moran, R. Robinson, D. Freund, J. Kennedy, D. Heck, X. Zhou, J. Wright, P. Coyte, and G. Hawker, "Management of Knee Osteoarthritis: A Community-Based Outcomes Assessment," Journal of General Internal Medicine, 1995; 10, 72.

Westmoreland, G., R. Robinson, R. Lubitz, R. Dittus, M. Moran, D. Freund, J. Kennedy, D. Heck, X. Zhou, J. Wright, P. Coyte, and G. Hawker, "The Impact of Social Support on Outcomes of Patients with Knee Osteoarthritis," Journal of General Internal Medicine, 1995; 10, 58.

Paul, J., C. Melfi, T. Smith, D. Freund, B. Katz, P. Coyte, G. Hawker, "Linking Primary and Secondary Data for Outcomes Research," National Center for Health Statistics (NCHS) Conference Proceedings, June 1995, pp. 203-208.

Riley, J., R. Lubitz, R. Dittus, R. Robinson, M. Moran, J. Ramsey, R. Klein, D. Freund, J. Kennedy, D. Heck, X. Zhou, J. Wright, P. Coyte, and G. Hawker, "Surgical and Medical Management of Knee Osteoarthritis: Longitudinal Satisfaction," Journal of General Internal Medicine, 1996; 11, 84

Robinson, R., G. Westmoreland, R. Lubitz, R. Dittus, M. Moran, D. Freund, and X. Zhou, "Impact of Social Support on Outcomes Following Knee Replacement," Annals of Behavioral Medicine, March 1996; S121.

Lubitz, R., R. Dittus, M. Moran, R. Robinson, J. Kennedy, D. Freund, D. Heck, X. Zhou, J. Paul, and G. Hawker, "Community -Based Management of Knee Osteoarthritis: Long-Term Outcomes," Journal of General Internal Medicine, 1996; 11, 50.

Lubitz, R., R. Dittus, R. Robinson, M. Moran, J. Ramsey, D. Freund, J. Kennedy, D. Heck, X. Zhou, J. Wright, P. Coyte, and G. Hawker, "Effects of Severe Obesity on Health Status 2-Years after Knee Replacement," Journal of General Internal Medicine, 1996; 11, 145.

Dittus, R., R. Lubitz, R. Klein, R. Robinson, J. Ramsey, M. Moran, D. Freund, D. Heck, J. Wright, P. Coyte, and G. Hawker, "Improving Physician Satisfaction with Knee Replacement Decision Making," Medical Decision Making, 1996; 16 (4); 455.

Klein, R., R. Dittus, R. Lubitz, A. Holmes, R. Robinson, K. Bennett, G. Torrance, D. Freund, J. Wright, P. Coyte, and G. Hawker, "Validating Outcome Predictions from a Knee Replacement Simulation Model," Medical Decision Making, 1996; 16 (4): 464.

D. Freund, CA Melfi, SD Culler, DS Arthur. "Determinants of Length of Hospital Stay Following Total Knee Replacement Surgery in the United States and Canada." *AHSR & FHSR Annual Meeting Abstract Book*. 12:96, 1996.

Ayers DC, Franklin PD, Trief PM, Ploutz-Snyder R, Freund D. Psychological attributes of preoperative total joint replacement patients: implications for optimal physical outcome. *J Arthroplasty*. 2004 Oct;19(7 Suppl 2):125-30.

MANUSCRIPTS UNDER PREPARATION:

Lubitz, R. M., R. S. Dittus, et.al., "Characteristics of Patients Receiving Care for Knee Osteoarthritis: A Community-based Comparison of Surgically Treated and Medically Managed Patients."

Katz, B. P., X-H Zhou, S. Goa, D. Heck, D. Freund, "A Comparison of Revision Rates between Staged and Simultaneous Bilateral Knee Replacement in the United States."

Heck, D., R. Robinson, C. Patridge, R. Lubitz, D. Freund, "Patient Outcomes After Knee Replacement."

Swigonski, N., E. Kinney, D. Freund, "Private Health Insurance of Seriously Ill Children: The Problem of Inadequate Insurance."

BOOKS:

Freund, Deborah A. Medicaid Reform: Four Studies of Case Management. Washington, D.C.: AEI, 1984. (98 pages).

Hurley, Robert, Deborah Freund and John Paul, Managed Care in Medicaid: Lessons for Policy and Program Design, Health Administration Press, 1993 (215 pages).

BOOK REVIEWS, COMMENTS AND MONOGRAPHS:

Review of Health Care Economics by Paul Feldstein, Medical Care, December 1980.

Review of Health Plan by Alan Enthoven, Health Services Research, Spring 1981.

Review of the Health Care Survival Curve by Irwin Miller, Journal of Policy Analysis and Management, 4 (4) (Summer 1985): 612.

Review of Hospital Capital Formation in the 1980's by Donald Cohodes and Brian Kinkead, Journal of Policy Analysis and Management, 4(4) (Summer 1985): 613.

Review of Health Care Cost Management: Private Sector Initiatives by Peter Fox, et al., Journal of Policy Analysis and Management, 4(4) (Summer 1985): 613.

Bradham, Douglas and Freund, Deborah, A Self-Study Guide to Health Economics, monograph.

Evaluating State Medicaid Competition Initiatives. Monograph for American Enterprise Institute, August 1982.

Freund, Deborah. Comment on "A Revenue Maximizing Model of the Hospital," by Steven Finkler, Health Services Research, 18(2), Summer 1983.

Freund, Deborah. Comment on "Improving the Medicare HMO Payment Formula to Deal With Biased Selection" by James Lubitz, et al., Advances in Health Economics and Health Services Research, 7, 1986.

Freund, Deborah, Marc Voyvodich, Michael Bice, and Howard Zuckerman, Review of For Profit Enterprise in Health Care, National Academy Press, 1986 in Journal of Health Administration Education, vol. 6, no. 1, 1986, p. 32.

Freund, Deborah A., Review of Health Economics: Prospects for the Future, George Teeling Smith, Editor. Billings and Sons, Ltd., 1987, in Journal of Health Administration Education, Vol 6, No 3, Summer 1988.

Freund, Deborah A., "Looking Back To Move Forward: Free for All? Lessons from the RAND Health Insurance Experiment by Joseph P. Newhouse and The Insurance Experiment Group, Health Affairs, Spring (11), 1994, pages 293-295.

BOOK CHAPTERS:

Freund, Deborah and Jellinek P., "Financing and Cost Containment for Personal Health Services in the 1980's," in Sagar C. Jain and John E. Paul (eds.), Policy Issues in Personal Health Services: Selected Perspectives, Aspen Corporation, 1983.

Freund, Deborah A. "Health Economics in North Carolina's Future," Governor's Commission on the Year 2000, 1983.

Freund, Deborah A. "Cost Benefit and Cost Effectiveness Analysis," in J. Veney and A. Kaluzny, Evaluation and Decision Making for Health Services Programs, Prentice-Hall, 1984.

Freund, Deborah A. "Using Linear Regression in Health Policy Decision-Making," in Cost Effectiveness and Other Decision-Making Techniques in Health Resource Allocation, The Leonard Davis Institute, 1983.

Freund, Deborah. "The Socioeconomic Effects of Limiting Direct Access to Specialty Care Through Gatekeepers," conference proceedings, Limitations on Direct Access, American Academy of Dermatology, June 1984.

Freund, Deborah. "An Introduction to Cost Benefit and Cost Effectiveness Analysis for Laboratory Administrators," Proceedings of the Institute on Critical Issues in Health Laboratory Practice. Wilmington, DE: DuPont Co., 1985.

Freund, Deborah and William Sollecito. "Policy Analysis Techniques for the Health Laboratory Administrator," Proceedings of the Institute on Critical Issues in Health Insurance Laboratory Practice. Wilmington, DE: DuPont Co., 1985.

Freund, Deborah. "The Introduction of Competition Through Alternative Delivery Systems in the Public Sector," Proceedings of the Institute on Critical Issues in Health Insurance Laboratory Practice. Wilmington, DE: DuPont Co., 1985.

Freund, Deborah. "The Private Delivery of Medicaid Services" reprinted from The Journal of Ambulatory Care Management in Alternative Delivery Systems, N. Goldfeld and S. Goldsmith (Eds) Aspen Publishers 1987.

Hurley, Robert and Deborah Freund, "Utilization Management: Perspectives from the Medicaid Program." Prepared for the Committee on Utilization Management. The National Academy of Sciences, Institute of Medicine, 1989.

Freund, Deborah, G. Ginsberg, L. Corder, L. Rossiter, F. Bryan, and R. Hurley. "Utilization Experience of Medicaid Beneficiaries Enrolled in Capitated Arrangements" in Quality Health Care in a Dynamic Era, Group Health Association of America, 1988, pp 212-221.

Freund, Deborah. "Outcomes Assessment: Market Incentives or Regulatory Fiat?" in Competitive Approaches to Health Care Reform, Washington, DC: Urban Institute Press, 1993, pps. 49-61, R. Arnould, R. Richard and W. White (eds.)

Freund, Deborah A., "Outcomes Research: Competitive or Regulatory Fiat?" in Competitive Approaches in Health Care Reform, Urban Institute Press, 1993, R. Arnould, R. Rich and W. White (Eds.),

Freund, Deborah. "What Does Health Economics Say about Women's Health?" Proceedings from the Second Meeting of National leaders in Women's Health, Women's Health and Research: Multidisciplinary Models of Excellence, University of Florida, Gainesville, 1997.

SELECTED PROJECT REPORTS:

Bryan, F. and Freund, D. Analysis Plan: The Nationwide Evaluation of Medicaid Competition, submitted to the Health Care Financing Administration, Research Triangle Institute, May 1984.

Bryan, F., D. Freund, and W. Jessee. Analysis Plan: Quality of Care Evaluation in the Medicaid Competition Demonstrations, Research Triangle Institute, May 1985.

McCall, N., D. Henton, H. Crane, D. Freund, S. Haber, and W. Wrightson. "An Evaluation of the Arizona Health Care Cost Containment System: 1st Annual Report, Chapters X, XI, XII," submitted to the Health Care Financing Administration, December 1984.

Garfinkel, S., W. Zelman, F. Bryan, and D. Freund. "Financial Problems Contributing to the Insolvency of the Monterey Health Initiative," submitted to the Health Care Financing Administration, 1985.

Evans, David, Freund, Deborah, Henry, David, Dittus, Robert. "Guidelines for the Pharmaceutical Industry on Preparation of Submissions to the Pharmaceutical Benefits Advisory Committee," Commonwealth Department of Health, Housing and Community Services, Australian Government Publishing Service, Canberra, August 1992

Evans, David, Freund, Deborah, Henry, David, Dittus, Robert. "The Use of Economic Analysis as a Base for Inclusion of Pharmaceutical Products The Pharmaceutical Benefits Scheme."

SELECTED PRESENTATIONS:

Freund, Deborah. "Problems in Evaluating Health Care," presented at meetings of the Western Economic Association, San Francisco, California, June 1976.

Freund, Deborah. "Role of Time and Non-Pecuniary Variables in the Demand for Medical Care," presented at the Western Economic Association meetings, June 1976.

Freund, Deborah and G. Wilensky. "National Health Insurance: A Microsimulation Model," presented at the 106th Annual Meetings of the American Public Health Association, October 1978.

Freund, Deborah, G. Wilensky, and J. Kasper. "The Medicaid Population and the Demand for Medical Care," presented at American Public Health Association (APHA), 1978.

Freund, Deborah. "Changes in Access to Medical Care: Waiting Time in 1970 and 1977," North Carolina Health Services Research, 1979.

Freund, Deborah. "A Comparative Analysis of Actual and Perceived Waiting Times for Medical Care," North Carolina Health Services Research.

Freund, Deborah. "Is Self-Selection an Issue in the Federal Employees Health Benefits Program?" Presented at 107th Annual Meeting, American Public Health Association, November 1979.

Freund, Deborah and L. Rossiter. "Enrollment Choice in Health Maintenance Organizations," presented at Southern Economics Association Meetings, November, 1979.

Freund, Deborah. "The Role of Time and Distance in the Utilization of Ambulatory Care," presented at the Twenty-Sixth North American Meetings of the Regional Science Association, Los Angeles, California, November 1979.

Freund, Deborah. "Black, White Differences in the Demand for Medical Care: Can There be Parity?" Presented at the meetings of the American Economic Association, Denver, Colorado, September 5-7, 1980.

Freund, Deborah. "Black, White Differences in the Demand for Medical Care: Analytical Issues in Assessing Parity." Presented at the 108th Annual Meeting. The American Public Health Association, Detroit, Michigan, October 19-23, 1980.

Freund, Deborah. "An Analysis of the Competitive Model," presented 109th Annual Meeting of the American Public Health Association, Los Angeles, California.

Parker, B. and Deborah Freund. "Improving the Selection of Health Administration Through Policy Analysis and Development: A Quantitative Approach," presented at the 109th Annual Meeting of the American Public Health Association, Los Angeles, California.

Freund, Deborah. "The Physician Based Group Plan: A New Competitive Strategy," presented at the 109th Annual Meeting of the American Public Health Association, Los Angeles, California.

Freund, Deborah. "Research on Competition: Issues of Consumer Choice," presented at the 110th Annual Meeting of the APHA, Montreal, Quebec, Canada.

Freund, Deborah, R. H. Shachtman, et al. "Length of Stay Differences Between Voluntary and Proprietary Hospitals," presented at the AUPHA Annual Meetings, April 1983.

Freund, Deborah, R. H. Shachtman, et al. "Length of Stay Differences Between Voluntary and Investor Owned Hospitals Adjusted for Case Mix," presented at the American Economics Association Meetings, December 1983.

Freund, Deborah. "The Socioeconomic Consequences of Limitation of Direct Access to Specialists," presented at meetings of the American Academy of Dermatology, June 1983.

Freund, Deborah. Institute on Critical Issues in Health Laboratory Practice 1984, papers on "Model Building, Cost Benefit Analysis and Alternative Delivery Systems." July 1984.

Freund, Deborah. "The Impact of DRG's on Hospitals and Home Health Services." Mountain AHEC. April 1984.

Freund, Deborah. "Research On and Lessons From Medicaid Competition," presented at the meeting of the Association for Policy Analysis and Management, New Orleans, October 1984.

Freund, Deborah. "The Medicaid Competition Demonstration Evaluation," presented at 112th annual meeting of the American Public Health Association. Anaheim, Calif., November 1984.

Shachtman, R. H., Deborah Freund, and T. Champney. "Are Lengths of Stay Homogeneous Within Diagnoses Related Groups," presented at the 112th annual meeting of the American Public Health Association. Anaheim, Calif., November 1984.

Freund, Deborah. and D. Bradham. "Revenue and Production Function Analyses in Rural Primary Care," presented at the American Economics Association, Dallas, Texas, December 1984.

Freund, Deborah. "Competitive Health Plans and Alternative Payment Arrangements for Physicians in the United States: Public Sector Examples," presented at the third symposium in Health and Economics, The University of Antwerp (Belgium), September 13, 1985.

Freund, Deborah. "A Summary of Prepaid Medicaid Programs," presented at the National Meeting of the National Governor's Association, Long Beach, CA, January 1986.

Freund, Deborah. "Medicaid Primary Care Programs," presented at the Association for Health Services Research Meetings, Boston, MA, June, 1986.

Freund, Deborah. "Quality Assurance in Medicaid Capitation Programs," presented at the National Medicaid Director's Conference, The American Public Welfare Association, Clearwater, FL, October 1986.

Freund, Deborah. "An Overview of Medicaid Capitation Programs," presented at the 114th Annual Meeting of The American Public Health Association, Las Vegas, NV, 1986.

Freund, Deborah. "The Economic Impact of Drug Compliance," presented at the 114th Annual Meeting of The American Public Health Association, Las Vegas, NV, 1986.

Freund, Deborah. "Innovations in Medicaid Acute Care Programs," presented at the National Conference of State Legislatures, Menlo Park, CA, June 1987.

Freund, Deborah, Rice, T., and W. Weissert. "Trends in Medicare and Medicaid Financing," presented at the 115th Meeting of The American Public Health Association, New Orleans, October 1987.

Freund, Deborah. "Gatekeeping the Emergency Room: Does Primary Care Case Management Work?" Presented at the 116th annual meeting of the American Public Health Association, Boston, Mass., November 1988.

Hurley, Robert and Deborah Freund. "Research on Case Management" presented at the Annual Meeting of the Association for Health Services Research, San Francisco, June 1988.

Paul, J., K. McLeroy, Deborah Freund. "Beneficiary Access and Satisfaction in the HCFA Medicaid Competition Demonstrations," presented at the 116th annual meeting of the American Public Health Association, Boston, Mass., November 1988.

Freund, Deborah. "Implementation Issues in Medicaid Prepaid Programs," presented at the Medical Directors Conference of the Group Health Association of America, Detroit, Michigan, September 21, 1988.

Hurley, Robert, Deborah Freund and Barbara Gage. "Primary Care Gatekeeping Effects on Patterns of Physician Use," presented at the 117th meeting of the American Public Health Association, October 24, 1989.

Freund, Deborah, Louis Rossiter, Robert Hurley and Michael Jurgensen. "Nationwide Evaluation of the Medicaid Capitation Demonstrations - Cost Impacts," presented at the 117th meeting of the American Public Health Association, October 24, 1989.

Freund, Deborah. "Urban Health Care: Solutions for the 1990s, Managed Care Options," presented at the Urban Health Care Symposium, Wayne State University and Henry Ford Hospital, Detroit, MI, November 6, 1989.

Weis, Kathleen and Deborah Freund. "The Impact of Financial Incentives on the Quality of Care Rendered to Medicaid Recipients," presented at the annual meeting, The Association for Health Services Research, June, 1990, Washington, D.C.

Freund, Deborah and Kathleen Weis. "Managed Care For The Poor: A Economic Assessment Of Two Types Of Financial Risk," presented at the Second World Congress on Health Economics, University of Zurich, Zurich Switzerland, September 10-14, 1990.

Rossiter, Louis, Kathleen Weis, and Deborah Freund. "Financial Risk in Medicaid Capitation," presented at the American Economics Association Meetings, Washington, D.C., December 28-30, 1990

Freund, Deborah, John Fitzgerald, Brenda Hughett. "Organizational and Structural Components of Healthcare as Applied to Asthma, Asthma Care in the US," presented at George Washington University and NHLBI, San Diego, March 1991.

Freund, Deborah. "Patient Outcome Research Teams; Impact in Public Health," presented at the American Public Health Association, Annual Meeting, Atlanta, Georgia, November 10-14, 1991.

Freund, Deborah. "Health of the Nation: Policy and Politics," presented at the Teklolste Forum, Indiana Hospital Association, May, 1992.

Freund, Deborah, Meet - The-Expert, Association for Health Services Research Meeting, 1992.

Freund, Deborah. "Australian Pharmaceutical Benefits Scheme Cost Effectiveness Guide," presented at the Pharmaceutical Manufacturers Association, Washington, DC, February, 1992.

Freund, Deborah. "Medicaid Managed Care Programs: Experience From Other States," presented at the Greater New York Hospital Association, New York, February, 1992.

Freund, Deborah. "An Update on the Knee Arthritis PORT," General Meeting of the American Academy of Orthopaedic Surgeons, Washington, DC, 1992.

Freund, Deborah. "Life After PORTs," presented at the Center for Medical Effectiveness Research, AHCP, Rockville, Maryland, February, 1992.

Freund, Deborah. "Guidelines for Preparation of Economic Analysis in Submissions to Drug Programs Branch for Listing in the Ontario Drug Benefit Formulary," presented at Pharmaceutical Manufacturers of Canada, Montreal, Quebec, 1992.

Freund, Deborah. "An Overview of Economic Evaluation Techniques," presented at Sandoz, Montreal, Quebec, April, 1992.

Freund, Deborah. "The Total Knee Replacement PORT: Meta Analysis and Community Based Research," presented at The American Academy of Orthopaedic Surgeons Workshop on Outcomes, Denver, Colorado, April 1992.

Freund, Deborah. "Effectiveness and Cost Effectiveness," presented at the National Institute of Arthritis and Musculoskeletal Disease, Bethesda, Maryland, April 1992.

Freund, Deborah, "Comprehensive Health Coverage in Indiana: What's Being Done?" presented at the Indiana Economic Forum, November 1992.

Freund, Deborah, "Length of Stay in Knee Arthritis," presented at Health Economics Groups of United Kingdom, Glasgow, June 1993.

Freund, Deborah, "PharmacoEconomics," presented at the Association for Health Services Research, 1993.

Freund, Deborah, "Cost Effectiveness Requirements for Drug Approval in Australia," presented at The American Public Health Association, San Francisco, CA, 1993.

Freund, Deborah and John Paul, "Linking of Primary and Secondary Data for Outcomes Research: Methodology from the Total Knee Replacement PORT," presentation at 121st Annual Meeting of the American Public Health Association, San Francisco, CA, November 1993.

Coyte, Peter and Deborah Freund, "Patient Acceptance of Waiting Times for Knee Replacement Surgery," presentation at 121st Annual Meeting of the American Public Health Association, San Francisco, CA, November 1993.

Hurley, Robert and Deborah Freund, " Medicaid Managed Care: Springboard for Health Care Reform," presentation at 121st Annual Meeting of the American Public Health Association, San Francisco, CA, November 1993.

Freund, Deborah, "Health Administration at the Health Policy Table? How Do We Get There?" Presidential Speech, AUPHA Annual Meeting, Atlanta, Georgia, April 1993.

Freund, Deborah, "Physician Prescription Behavior," presented at the European Health Policy Forum, Budapest, Hungary, June 1993.

Freund, Deborah, "The Australian Pharmaceutical Guidelines," presented at The Canadian Collaborative Workshop on PharmacoEconomics," Sainte-Adele, Quebec, Canada, June 1993.

Freund, Deborah, "Applied Guidelines for Health Economics in Pharmaceuticals: The Australian Experiment," presented at the IMS European Symposium, Brussels, Belgium, November 1993.

Freund, Deborah, "National Medicaid Managed Care Overview," presented at the Governors Conference on Medicaid, Indianapolis, IN, November 1993.

Holmes, Ann, Steven Culler and Deborah Freund, "Recommendations for Presentation of Variable Estimates of Guidelines Costs," presented at the AHCPH meeting, Baltimore, Md., November, 1993.

Freund, Deborah, "Health Reform," presented at the Bloomington Press Club, Bloomington, IN, April 25, 1994.

Freund, Deborah, "Health Reform," presented at the Central Travel Club of Obstetricians and Gynecologists, Bloomington, IN, April 30, 1994.

Freund, Deborah, "Medicaid Managed Care: Where Have We Been? Where Are We Going? And How Do We Get There," Keynote speaker at the opening of the Scottsdale Managed Care Conference sponsored by The American Public Welfare Association and The National Academy for State Health Policy, Scottsdale, AZ, September 26-27, 1994.

Freund, Deborah, "Public Perception of National Health Care," presented at the Annual Meeting of IU Foundation's National Volunteer Network, Bloomington, IN, September 30, 1994.

Freund, Deborah, "Women and Education," presented to Srotptimist International of Indianapolis, Indianapolis, IN, April, 1995.

N. LoSasso, D. Freund, T. Kniesner, "Medicaid Managed Care: Evaluation with Count Data Models," Sixth Annual Health Economics Conference, Ann Arbor, Michigan, June, 1995.

Paul, J.E., C.A. Melfi, T.K. Smith et al., "Linking Primary and Secondary Data for Outcomes Research: Methodology of the Total Knee Replacement Patient Outcomes Research Team," Health Survey Research Methods Conference, Breckenridge, Colorado, June, 1995.

Freund, Deborah A., "Health Reform: The Nation and the States," Mini-University 1995, Indiana University, Bloomington, Indiana, June, 1995.

Freund, Deborah A., "An Econometric Evaluation of the Impact of Managed Care on Medicaid Utilization with Panel Data," presented at the 6th Annual Health Economics Conference, Ann Arbor, Michigan, June, 1995.

Freund, Deborah A., "Gene Therapy: Socio-Economic Questions," presentation at workshop made possible by the Rhône-Poulenc Rorer Foundation and The University of Pennsylvania, Philadelphia, Pennsylvania, June, 1995.

Freund, Deborah A., panelist at the Executive Women in Health Care Luncheon, sponsored by the Indiana State Department of Health, August 16, 1995.

Freund, Deborah A., "A Synthetic Differences-in-Differences Zero Inflated Count Model of the Impact of Managed Care on Medicaid Utilization," presentation at the University of Kentucky, September, 1995.

Freund, Deborah A., "Australian Guidelines," presentation to International Strategies for Pharmaceutical Pricing, Reimbursement, and Comparative Assessment, sponsored by Drug Information Association, Philadelphia, Pennsylvania, December, 1995.

Freund, Deborah A., "Medicaid Managed Care - Issues and Case Studies," Invited Speaker, 1996 Health Care Forecast Conference: Winners and Losers Under Managed Care, University of California, Irvine, California, February 1996.

Freund, Deborah A., "Health Care," presented at Bloomington Hospital, Bloomington, Indiana, February 1996

Freund, Deborah A., "Health Care," presented to Bloomington Rotary Club, Bloomington, Indiana, April 1996.

Freund, Deborah A., "A Comparison of Count Data Methods Applied to Medicaid Managed Care with Implications for Health Reform," presented paper at the International Health Economics Association Inaugural Conference, Vancouver, British Columbia, Canada, May, 1996.

Freund, Deborah A., "The Latest Update on Health Reform Issues," Mini-University 1996, Indiana University, Bloomington, Indiana, June, 1996.

Freund, Deborah A., "How HSR Helps Set the Health Policy Agenda," presented invited paper, American Statistical Association Annual Meeting, Chicago, Illinois, August, 1996.

Freund, Deborah A., "Where is All This Going: Some Thoughts About the Future," presentation at the Drug Information Association (DIA) Meeting: Cost Effectiveness Analyses: Measures and Methods in Clinical Trials, New Orleans, Louisiana, November, 1996.

Freund, Deborah A., "Australian Guidelines," presented to the Pharmacoeconomics Initiative Scientific Committee (PISC) Workshop, Vancouver, British Columbia, Canada, November, 1996.

Freund, Deborah A., Panel member, Education and Skills Panel, ISPOR Conference: Pharmacoeconomics: Identifying the Issues, Crystal City, Virginia, February 1998.

Freund, Deborah A., Speaker, University of Nebraska Medical Center, Department of Preventive and Societal Medicine, Section on Health Services Research and Rural Health Policy, Grand Rounds Series, March 1998.

Freund, Deborah A., Keynote Speaker, Groups Program luncheon recognizing founding of Chi Alpha Epsilon Honors Society, April 1998.

Freund, Deborah A., Spring Symposium – Welcome, May 1998.

Freund, Deborah A., Mini-University, June 1998.

Freund, Deborah A., Attend and present Workshop on Writing a Federal Grant at AHSR Annual Meeting; attend AUPHA Annual Meeting, Washington, D.C., June 1998.

Freund, Deborah A., Speaker, "Overview of the Issues in Medicaid Managed Care," at Medicaid and Managed Care: Issues Facing Illinois Conference, sponsored by The Institute of Government and Public Affairs and The Health Research & Policy Centers, University of Illinois – Chicago., Chicago, Illinois, June 1998.

Freund, Deborah A., Professors Perspective: Freshman Orientation, July 1998.

Freund, Deborah A., Speaker, "Moving the Retention Front Forward in a Large University," National Conference on Student Retention, Convened by USA Group Noel-Levitz, New Orleans, Louisiana, July 1998.

Freund, Deborah A., Meadowood Public Discussion Leader, September 1998.

Freund, Deborah A., Participant, WTIU "Pro & Con" program on Managed Care and the Changing Role of the Doctor, September 1998.

Freund, Deborah A., Office for Women's Affairs Undergraduate Student Leadership Conference, October 1998.

Freund, Deborah A., Civility Symposium – Welcome, October 1998.

Freund, Deborah A., Speaker, "Lessons Learned: Reflections on Leadership," CIC Academic Leadership Program, University of Illinois, Urbana-Champaign, Illinois, October 1998.

Freund, Deborah A., Speaker, Medic-B Partnership Program, November 1998.

Freund, Deborah A., Freshman Profile Forum Welcome, November 1998.

Freund, Deborah A., "Impact of Hospital Quality-Related Practices on Health Outcomes," HERO/AEA annual meeting, January 2000.

Freund, Deborah A., Panel member at the Osteoarthritis Initiative – A Public-Private Research Collaboration, "Perspectives on Clinical Endpoints," February, 2000.

Freund, Deborah A., Panel member at the AHSR Meeting, "Writing and Reviewing Federal Grants: Tricks of the Trade."

Freund, Deborah A., "Children and Managed Care: Where Have I been and Where Am I Going?" Cornell University, December 2001.

In addition to the speeches, articles, and books, Dr. Freund has given over 100 additional speeches and lectures to civic groups, health care and public organizations and other interested parties.

PRESENTED ABSTRACTS:

"The Epidemiology of Major Surgical Treatments for Knee Arthritis in the United States," David A. Heck, John E. Paul, John F. Fitzgerald, and Deborah A. Freund, presented at the American Academy of Orthopaedic Surgeons 1992 Annual Meeting, Washington D.C., February 20-25, 1992.

"Utilization of Tibial Osteotomy in the United States and Ontario, Canada in the Elderly Patient," David A. Heck, Peter Coyte, Robert Dittus, et al., presented at the American Academy of Orthopaedic Surgeons 1993 Annual Meeting.

"Outcomes of Care Following Total Knee Replacement in Patients Over Age Eight-Five," Glenda R. Westmoreland, RS Dittus, JE Paul, et al., presented at the 1993 Annual National Meeting of the Society of General Internal Medicine.

"Should Morbid Obesity be a Contraindication for Knee Replacement Surgery?" Robert M. Lubitz, RS Dittus, DA Freund, et al., presented at the 1993 Annual National Meeting of the Society of General Internal Medicine.

"Mortality Following Knee Replacement in Elderly Knee Replacement Recipients," Gillian Hawker, Peter Coyte, Robert Dittus, et al., presented at the 1993 Annual Meeting of The Canadian Orthopaedic Association, Montreal, May 30-June 3, 1993.

"A Comparison of Knee Replacement Rates for the United States (US) and Ontario, Canada," Gillian Hawker, Peter Coyte, Claire Bombardier, et al., presented at the 1993 Annual Meeting of The Canadian Orthopaedic Association, Montreal, May 30-June 3, 1993.

"Rates of Tibial Osteotomies in Ontario, Canada and the United States," GA Hawker, PC Coyte, C Bombardier, et al., presented at the 1993 Annual Meeting of The Canadian Orthopaedic Association, Montreal, May 30-June 3, 1993.

"U.S. Survey of Knee Replacement (KR) Recipients to Assess Short and Long-Term Outcomes," GA Hawker, C Bombardier, D Freund, et al., presented at the 1993 Annual Meeting of the American College of Rheumatology.

"Canadian Orthopaedic Surgeons' Attitudes About Total Knee Replacement," G Hawker, PC Coyte, C Bombardier, et al., presented at the 1993 Annual Meeting of the American College of Rheumatology.

"Canadian Orthopaedic Surgeons Attitudes About Total Knee Replacement," James G. Wright, Peter Coyte, Claire Bombardier, et al., presented at the 1994 Annual Meeting of the American Academy of Orthopaedic Surgeons.

"Patients Receiving Care for Knee Osteoarthritis: A Community-Based Comparison of Pre-Surgical and Non-Surgical Patients," RM Lubitz, RS Dittus, MF Moran, et al., presented at the 1994 Annual National Meeting of the Society of General Internal Medicine.

"Effects of Obesity on Outcomes Following Knee Replacement," RL Krippendorf, RM Lubitz, RS Dittus, et al., presented at the 1994 Annual National (Poster Session) Meeting of the Society of General Internal Medicine.

"Waiting Times for Orthopaedic Consultations and Knee Replacement Surgery in the United States and Ontario, Canada," P Coyte, JG Wright, G Hawker, et al., presented at the 1994 Annual Meeting of the Canadian Orthopaedic Association.

"Variation in Orthopaedic Surgeons' Perceptions of the Outcomes and Indications for Knee Replacement," JG Wright, P Coyte, G Hawker, et al., presented at the 1994 Annual Meeting of the Canadian Orthopaedic Association.

"Knee Reoperation in the United States: Associated Factors and Relative Risks," David A. Heck, Catherine A. Melfi, Lorrie Kalasinski, et al., submitted for presentation at the 1995 Annual Meeting of the American Association of Orthopaedic Surgeons.

"Linking Primary and Secondary Data for Outcomes Research: Methodology of the Total Knee Replacement Patient Outcomes Research Team," John E. Paul, Timothy K. Smith, Catherine A. Melfi, et al., submitted for presentation at the Sixth Conference on Health Survey Research Methods cosponsored by the Agency for Health Care Policy and Research.

SELECTED ACADEMIC SEMINARS (North America and Abroad):

Northwestern University 1984, 1994	University of Chicago 1984, 1992
Brandeis University 1985	University of Michigan 1985, 1994
Washington University 1985	The University of Antwerp 1985 (Belgium)
Harvard University 1986, 1997(3)	University of Pennsylvania 1986
Shanghai First Medical College 1986 (China)	Columbia University 1987
University of Washington 1987	Shanghai Second Medical School 1987 (China)
Ramathibodi Medical School 1987 (Thailand)	Keio University 1987 (Japan)
Johns Hopkins University 1988	Indiana University 1988
McMaster University 1988	University of Newcastle 1988
University of North Carolina 1989	University of Sydney 1989, 1991 (Australia)
Australian National University 1989	Duke University 1989
University of Michigan 1989	The University of Wisconsin 1990
The University of Toronto 1990	Monash University 1991 (Australia)
University of Illinois, 1991, 1998	The University of York 1992 (United Kingdom)
Pennsylvania State University 1987, 1992	The University of Minnesota, 1992
The University of Missouri-Columbia, 1992	The University of Iowa, 1992
The University of Kentucky, 1992, 1995	The University of California at Berkeley, 1993, 1998
The University of California at Irvine, 1993, 2000	The University of California at San Francisco, 1993
Rand Graduate School, 1993	Stanford University, 1993
Oxford University, 1993	The University of Newcastle-Upon-Tyne (UK), 1993
The University of Konstanz (Germany), 1993	Erasmus University (Netherlands), 1993
University of London, 1993	St. Louis University, 1995
New England Medical Center, 1997	Dartmouth College, 1997
The University of New Hampshire, 1997	Boston University, 1997
University of Nebraska, 1998	

ACADEMIC SERVICE:

Professional:

Appointed Dates:

American Public Health Association (APHA)	
- Chair of Program Committee	1979-1980
- Governing Council	1981-1985
- Program Development Board	1982-1985
- Chairperson-elect, Medical Care Section	1985-1987
- Chairperson Medical Care Section	1987-1989
Association for Health Services Research (AHSR)	
- Member of Article of the Year Committee	1991
- Chair of Young Investigation Committee	1992
- Member of Publications Committee	1987
- Member of Program Committee	1988
- Member of Board of Directors	1989-1996
Association of University Programs in Health Administration (AUPHA)	
- Board of Directors	1988-1992
- Chair Elect	1991
- Chairman of Board of Directors	1992-1993
Indiana Public Health Association	
- Board of Directors	1988-1991
Association of Public Policy Analysis and Management	
- Institutional Representative	1992-1997

Editorial Posts:

Appointed Dates:

Member of the Editorial Board of <u>Inquiry</u>	1985-1990
Book Review Editor (Health Care) <u>Journal of Policy Analysis and Management</u>	1985-1987
Member of Editorial Board of <u>Medical Care</u> Deputy Editor	1987-1989 2008-
Member of Editorial Board of <u>Health Policy</u>	1988-1996
Member of Editorial Board of <u>Health Administration Press</u> (AHSR imprint)	1990-1996
Chair, Editorial Board, <u>Health Administration Press</u> (AUPHA imprint)	1996-2000
Member of Editorial Board of <u>Health Affairs</u>	1992-1998
Member of Editorial Board, <u>PharmacoEconomics</u>	1993-present
Member of Editorial Board, <u>Medical Care Research & Review</u>	1994-2003
Member of Editorial Board, <u>Health Economics</u>	1994-2005

SELECTED RECENT ADVISORY BOARDS AND COMMITTEES:

Health Services Developmental Grants Study Section, Agency for Health Care Policy and Research, National Institutes of Health, U.S. Public Health Service, 1988-1992.

Advisory Board, Brookdale Institute of Gerontology, Jerusalem, Israel, 1991-present.

Advisory Board, Health Sciences Research and Development Program, Veterans Administration Hospital, Indianapolis, Indiana, 1992-present.

Institute of Medicine of the National Academy of Sciences Commission on Utilization Management of Third Parties, 1988-1990.

Institute of Medicine of The National Academy of Sciences, Committee on Access to Care, 1983.

National Indigent Care Task Force, Modern Health Care Magazine, 1989-1991.

National Commission on Health Care in Eastern Europe, Department of Health and Human Services, 1990.

State of Indiana Commission on Health Care for the Working Poor, present.

Bloomington Hospital Board of Directors, present

COMMITTEES

Office of Technology Assessment Panel on Health Reform Cost Estimates, "Assessing the Assumptions Behind Health Reform Projections," 1993-1995.

National Advisory Panel, Investigator Awards in Health Policy Research, The Robert Wood Johnson Foundation, 1993-1998.

Institute of Medicine, Committee on Health Services Research: Training and Workforce Issues, 1995.

Institute of Medicine, Utilization Management of Third Parties, 1990.

Committee for State of Indiana, 1994, for State's Proposal to the Robert Wood Johnson's Foundation on "State Initiatives in Health Reform Program."

Institute of Medicine, Committee on Changing Health Care Systems and Rheumatic Disease, 1996.

MEMBERSHIPS:

The American College of Rheumatology
The American Economics Association
The Australian Health Economics Group
The Econometric Society
The Association of University Programs in Health Administration
AcademyHealth
The American Public Health Association

STUDY SECTIONS AND SCIENTIFIC PANELS:

Agency for Health Care Policy and Research Developmental Grants Study Section, 1988 - 1992
Health Care Financing Administration review panels, 1979 - present
Hartford Foundation - grant reviews
Robert Wood Johnson Foundation - grant reviews
Josiah Macy Foundation, Chair, "Conference on Implementing National Health Insurance"
National Institute of Health ad-hoc study sections for National Heart Lung and Blood Institute, National Institute of Arthritis and Musculoskeletal Disease, National Cancer Institute

REFEREE FOR:

National Science Foundation external reviewer (1985-present)
Journal of Health Economics
Review of Economics and Statistics
Journal of Human Resources
Inquiry

Medical Care
Operations Research
Health Services Research
Health Care Financing Review
Social Sciences and Medicine
Journal of the American Statistical Association
The American Statistician
New England Journal of Medicine
Journal of Health Politics, Policy & Law
The Milbank Quarterly
The Journal of General Internal Medicine
Quarterly Review of Economics and Business
Quarterly Journal of Economics
Quality Review Bulletin
Hospitals and Health Services Administration
Annals of Internal Medicine
The Mayo Medical Journal
The Journal of the American Medical Association
Pharmacoeconomics
Controlled Clinical Trials

UNIVERSITY PRESSES AND OTHER PUBLISHERS:

Oxford University Press
Cambridge University Press
Harvard University Press
Indiana University Press
Kluwer Academic Publishing
Johns Hopkins University Press

Ph.D. STUDENTS TRAINED AND FIRST JOB PLACEMENT:

Curt Mueller (UNC-economics), Syracuse University Assistant Professor of Public Affairs and economics.

Douglas Bradham (UNC-health economics), University/Bowman-Gray School of Medicine School of Pharmacy Assistant Professor, The University of Florida Schools of Management and Medicine, Wake Forest Professor

Paul Jellinek-(UNC-health policy), Vice President, The Robert Wood Johnson Foundation.

John E. Paul-(UNC-health policy), Research Scientist, Center for Health Studies.

Jan P. Clement-(UNC-health finance), The University of Michigan Assistant Professor

Gregory DeLissovoy (UNC-health economics), Johns Hopkins University Associate Professor

Kelly Eakin (UNC-economics), The University of Oregon Assistant Professor, Department of Economics

Robert Hurley (UNC-health policy), Penn State Assistant Professor of Health Administration

Ying-Yuan Lee (UNC-health economics), University of North Dakota School of Business Assistant Professor

Emilia Richichi (UNC-health policy), Research Associate, Center for Demographic Studies; Duke University Assistant Professor

Laura Huang (UNC-health economics), University of South Florida School of Public Health Assistant Professor,

Kathi Weis (UNC-health economics) Health Care Financing Administration, Department of Health and Human Services

Gary Ginsberg (UNC-health economics), Hebrew University Assistant Professor of Public Health, and Senior Scientist, Ministry of Health.

Kit Simpson (UNC-health economics), The University of North Carolina School of Public Health Assistant Professor

Sarah Q. Duffy (UNC-economics), Eastern Michigan University Assistant Professor, Department of Economics,

Brian Liang (University of Chicago- health policy), Yale University Assistant Professor of Public Health and Resident in Radiology

Benjamin Gutierrez (IU-economics), Blue Cross of Pennsylvania, 1995.

Anthony LoSasso (IU-economics), Rutgers University, Assistant Professor and Research Scientist

Deborah Dobrez (IU-economics), Northwestern University Assistant Professor and Research Scientist

Kirsten Hall Long (IU-economics), The Mayo Clinic School of Medicine Assistant Professor

James Laditka (SU-public administration), The University of South Carolina Assistant Professor

Christopher Morley (SU-Social Sciences), Upstate Medical University

TEACHING ACTIVITIES:

Health Economics for Doctoral Students (1988-present)
Health Economics for MSPH/MHA/MPA students [also an undergraduate elective] (1980-present)
Health Economics for MPH students (1982, 1985, 1986)
Advanced Policy Analysis Methods for undergraduates (1983, 1984, 1985)
Alternative Delivery Systems (1985)
Microeconomics for undergraduates (1982-1985)
Health Economics for undergraduates (1980-1983)
Doctoral Seminar in Health Services Research (1988)
Health Administration (1989)
Doctoral Seminar in Policy Analysis Methods (1991, 2007)
Undergraduate Public Policy Analysis (1988, 1989)
Ambulatory Care and Managed Care Administration (1992)
Outcomes Research and Management (1997-1999)
Health Policy (1995-1999)

SCHOOL OR UNIVERSITY COMMITTEES:

Syracuse University

- Syracuse University Senate Budget Committee
- Syracuse University Senate Academic Affairs Committee
- Board of Trustees Budget Committee (non voting)
- Board of Trustees Academic Affairs Committee (non voting)
- Board of Trustees Facilities Committee (non voting)
- Board of Trustees Investment and Endowment Committee (non voting)

Indiana University:

- SPEA Graduate Policy Committee, 1988-1989
- SPEA Strategic Planning Committee, 1988-1989
- President's Health Care Task Force, Indiana University, 1989
- Chair, Promotion and Tenure Committee, SPEA, 1989-1992
- Strategic Planning Task Force of Indiana University Medical Center, 1991
- Committee to Evaluate Vice President for Research, 1991
- Chair, President's Committee to Establish a School of Public Health at Indiana University, 1994
- Committee on Institutional Data
- Capital Priorities Committee of the Bloomington Campus, Co-chair, 1994-present
- Bloomington Commencement Committee, 1994-

- Committee to Redesign Commencement, 1996
- Indiana University Representative to College Board, 1994-
- National Association of State and Land Grant Colleges Commission on Human Rights, 1994-
- Academic Officers Committee, on-going
- Chair, Academic Dean's Committee, on-going
- Committee to Implement Grad Pact, 1996
- Committee to Review Nursing as a University School
- Strategic Directions Task Force
- Trustees Joint Committee on Teaching and Scholarship
- Teaching Excellence Recognition Awards Committee, Chair
- Development of Associate of Arts Degree, Chair
- Enrollment management committee, co-chair
- University Information Technologies strategic planning committee, member

University North Carolina:

- Search Committee for the Dean of the School of Public Health, 1982
- Search Committee for the Chair of HPAA, 1986
- Bernard Greenberg Dissertation Prize 1985-present
- Bernard Greenberg Faculty Award Committee, 1985, 1986
- Administrative Board of the UNC Graduate School, 1988

EXPERT WITNESS:

Mezzullo, McCandlish and Framme (Certificate of Need, Ambulatory Surgery Centers)
 Jordan, Brown, Price and Wall (Antitrust Issues)
 Alston and Bird (Antitrust Issues)
 Copeland, Franco, Screws and Gill (Patient Dumping)
 Barnes and Thornburg (HMOs)
 Gammage and Burhnam (HMOs)
 Steers Sullivan (Price Indices)

J:\Freund\cvbios\cvdafcursbstylerevised.doc