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EDUCATION AND TRAINING

Ph.D. 1978	University of Pennsylvania, Public Policy Analysis
B.A. 1973	Haverford College, Economics

PROFESSIONAL EXPERIENCE

1983-Present	Professor, Associate Professor, Assistant Professor, Department of Health Policy and Management, Johns Hopkins University.
1995-Present	Professor of International Health, Johns Hopkins University.
1994-Present	Professor of Medicine, Johns Hopkins University.
1987-Present	Director, Johns Hopkins Center for Hospital Finance and Management.
1986-Present	Co-Director, The Program for Medical Practice and Technology Assessment
1999-2004	National Program Director, Robert Wood Johnson Foundation, Partnership For Solutions: Better Lives for People With Chronic Conditions
1998-2005	Director, Washington Program in Health Policy
1997-2004	Associate Chair, Department of Health Policy and Management, Johns Hopkins University.

- Economist/Statistician, Office of the Secretary, U.S. Department of Health and Human Services, Washington.
 Developed sections of Medicare Prospective Payment legislation; Managed Hospital Cost Containment legislation; Reviewed reimbursement regulations for the Secretary; Made presentations to Congress and White House; and Managed grants and contracts.
- 1978–1982 Adjunct Professor, Graduate School of Public Administration, American University.
- 1978 Special Assistant to the Senior Vice President, Blue Cross of Greater Philadelphia.
- 1972 Special Assistant, Cost of Living Council, Executive Office of the President, Washington, D.C.Developed list of major firms in U.S. ranked by sales.

PROFESSIONAL ACTIVITIES

International Agencies

Organization for Economic and Community Development Pan American Health Organization World Bank World Health Organization Inter American Development Bank United Nations

U.S. Government Agencies

Agency for Health Care Policy and Research Center for Medicare and Medicaid Services Central Intelligence Agency Congressional Budget Office Counsel of Economic Advisors General Accountability Office Health Care Financing Administration Health Resources and Services Administration National Institutes of Health Office of Management and Budget Office of Secretary - DHHS Office of Secretary - DHHS Office of Science and Technology Policy Medicare Prospective Payment Commission Physician Payment Review Commission Prospective Payment Assessment Commission USAID

Congressional Testimony

- 2018 "Drug Pricing" before House Energy and Commerce Committee
- 2018 "Generic Drugs" before Senate HELP Committee
- 2018 "Drug Supply" before House Government Oversight Committee
- 2017 "Drug Supply Chain" before House Energy and Commerce Committee
- 2017 "Generic Drug Prices" before House Government Oversight Committee
- 2017 "Drug Pricing" before Senate Health Education Labor and Pensions Committee
- 2016 "Pharmaceutical Pricing Generic Drugs" before Senate Aging Committee
- 2015 "Hospital Charges" before House Ways and Means Committee
- 2009 "International Comparative Effectiveness" before Health Education Labor and Pensions Committee.
- 2009 "Chronic Care" before House Ways and Means Committee.
- 2009 "Chronic Conditions" before House International Affairs Committee.
- 2007 "Prescription Drug Pricing and Negotiation: An Overview and Economic Perspectives for the Medicare Prescription Drug Benefit" before the Senate Finance Committee.
- 2007 "The Future of Medicare: Recognizing the Need for Chronic Care Coordination" before the Senate Special Committee on Aging.
- 2007 "Comparison of U.S., Dutch and Swiss Health Care Systems" before the Senate Republican Policy Committee.
- 2006 "An Oversight Hearing on Providing Relief to Seniors Who Have Fallen into the Prescription Drug 'Donut Hole', before the Senate Democratic Policy Committee.
- 2006 "What's The Cost?: Proposals to Provide Consumers With Better Information About Healthcare Service Costs" before the Committee on Energy and Commerce.
- 2004 "A Review of Hospital Billing and Collection Practices" before the Committee on Energy and Commerce.

- 2002 "Health, Promoting Disease Management in Medicare", before the House on Ways and Means Committee.
- 1998 "Academic Medical Centers", before the Bipartisan Commission on the Future of Medicare.
- 1998 "Transforming Health Care Systems for the 21st Century: Issues and Opportunities for Improving Health Care for the Chronically Ill", before the United States Senate Special Committee on Aging.
- 1996 "Medicare Reform", before the Senate Committee on Finance Committee.
- 1995 "Risk Adjusters", before the House Ways and Means Committee.
- 1994 "Single Payor", before the House Ways and Means Committee.
- 1994 "Single Payor", before the House Education and Labor Committee.
- 1994 "Single Payor", before the House Energy and Commerce Committee.
- 1994 "Financing Academic Medical Centers", before the House Ways and Means Committee.
- 1994 "Financing Academic Medical Centers", before the Senate Finance Committee.
- 1993 "Academic Medical Centers", before the Senate Finance Committee.
- 1993 "Risk Adjusters", before the House Ways and Means Committee.
- 1992 "The Structure of the Hospital Industry in the 21st Century", before the Joint Economic Committee.
- 1992 "Health Care Reform", before the Senate Governmental Affairs Committee.
- 1992 "Health Care Cost Containment", before the House Ways and Means Committee.
- 1992 "International Health Financing Options", before House Civil Service and Post Office Committee.
- 1991 "Cost Containment Initiatives", before House Civil Service and Post Office Committee.
- 1991 "Health Insurance Options: Requirements for Health Care Cost Containment", before the House Ways and Means Committee.
- 1991 "All-Payor Rate Setting" before the House Ways and Means Committee.
- 1990 "Private Health Insurance" before the Senate Committee on Finance.

- 1990 "Private Health Insurance" before the House Energy and Commerce Committee.
- 1990 "HMO Payment Policy" before the House Ways and Means Committee.
- 1989 "Financing Graduate Medical Education" before the House Ways and Means Committee.
- 1988 "Hospital Performance" before the House Ways and Means Committee.
- 1988 "Monitoring Hospitals" before the Joint Economic Committee.
- 1987 "Technology Assessment" before the House Energy and Commerce Committee.
- 1987 "Cost Containment" before House Civil Service and Post Office Committee.
- 1986 "Capital Payment Policy" before the Senate Committee on Finance.
- 1986 "Graduate Medical Education" before the Senate Committee on Finance.
- 1985 "Merging Manpower Planning and Hospital Financing" before the House Energy and Commerce Committee.
- 1984 "Graduate Medical Education" before the Senate Committee on Finance.
- 1983 "Prospective Payment System" before the House Aging Committee

PUBLICATIONS

Journal Articles

Moore, T. J., Zhang, H., Anderson, G., & Alexander, G. C. (2018). Estimated Costs of Pivotal Trials for Novel Therapeutic Agents Approved by the US Food and Drug Administration, 2015-2016. *JAMA internal medicine*, *178*(11), 1451-1457.

Karas, L., Shermock, K. M., Proctor, C., Socal, M., & Anderson, G. F. (2018). Limited distribution networks stifle competition in the generic and biosimilar drug industries. *The American journal of managed care*, *24*(4), e122-e127.

Herring, B., Gaskin, D., Zare, H., & Anderson, G. (2018). Comparing the Value of Nonprofit Hospitals' Tax Exemption to Their Community Benefits. *INQUIRY: The Journal of Health Care Organization, Provision, and Financing*, *55*, 0046958017751970.

Bai, Ge, Aditi P. Sen, and Gerard F. Anderson. "Pharmaceutical Benefit Managers, Brand-Name Drug Prices, and Patient Cost Sharing." *Annals of internal medicine* (2018).

Ballreich, J., Alexander, G. C., Socal, M., Karmarkar, T., & Anderson, G. (2017). Branded prescription drug spending: a framework to evaluate policy options. *Journal of pharmaceutical policy and practice*, *10*(1), 31

Bai, Ge, and Gerard F. Anderson. "Variation in the ratio of physician charges to Medicare payments by specialty and region." *Jama* 317.3 (2017): 315-318.

Xu, Tim, Angela Park, Ge Bai, Sarah Joo, Susan M. Hutfless, Ambar Mehta, Gerard F. Anderson, and Martin A. Makary. "Variation in emergency department vs internal medicine excess charges in the United States." *JAMA internal medicine*177, no. 8 (2017): 1139-1145.

Liljenquist, Dan, Ge Bai, and Gerard F. Anderson. "Addressing Generic-Drug Market Failures—The Case for Establishing a Nonprofit Manufacturer." *New England Journal of Medicine*378.20 (2018): 1857-1859.

Rogers, A. T., Bai, G., Lavin, R. A., & Anderson, G. F. (2017). Higher hospital spending on occupational therapy is associated with lower readmission rates. *Medical Care Research and Review*, 74(6), 668-686.

- Ballreich, J., Alexander, G.C., Socal, M., Karmarkar, T., & Anderson, G.F. (2017). Branded prescription drug spending: a framework to evaluate policy options. *J Pharm Policy Pract*, 2:10, 31.
- Hsu, M., Thaver, A., & Anderson, G. (2017). Variable market exclusivity periods for pharmaceuticals. *Health Econ Outcome Res*, Open Access 2:111. DOI: 10.4172/2471-268X.1000111
- Alexander, G.C., Ballreich, J., Socal, M.P., Karmarkar, T., Trujillo, A., Greene, J., Sharfstein, J., Anderson G. (2017). Reducing branded prescription drug prices: A review of policy options. *Pharmacotheraphy*, 37(11)-1469-1478.
- Bai, G., & Anderson, G.F. (2017). Variation in the ratio of physician charges to medicare payments by specialty region. *JAMA*, *317*(3), 315-218.
- Buttorff, C., Trujillo, A.J., Castillo, C., Vecino-Ortiz, Al., & Anderson, G.F. (2017). The impact of practice guidelines on opioid utilization of injured workers. Am J Ind Med, 60(12), 1023-1030.
- Bai, G., & Anderson, G.F. (2017). Physician charges and Medicare payments. *JAMA*, *317*(17), 1802-1803.
- Xu, T., Park, A., Bai, G., Joo, S., Hutfless, S.M., Mehta, A., Anderson, G.F., & Makary, M.A. (2017). Variation in emergency department vs internal medicine excess charges in the United States. *JAMA Intern Med*, 177(8), 1139-1145.
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- Bai, Ge, and Gerard F. Anderson. "Extreme Markup: The Fifty US Hospitals With The Highest Charge-To-Cost Ratios." *Health Affairs* 34.6 (2015): 922-928.
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- Slade, Eric P., and Gerard F. Anderson. "Economic Grand Rounds: Health Plan Options at Fortune 100 Companies: Available Coverage for Mental Health Care Consumers." *Psychiatric Services* (2014).
- Siddiqui, Mona, et al. "The National Commission on Physician Payment Reform: Recalibrating Fee-for-Service and Transitioning to Fixed Payment Models." *Journal of general internal*

medicine 29.5 (2014): 700-702.

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- Anderson, G.F., Frogner, B., & Reinhardt, U.W. (2007). Health spending in OECD countries in 2004: An update. *Health Affairs*, 26(5):1481-1489.
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Books

Karen Davis, Gerard Anderson, Diane Rowland, and Earl Steinberg. <u>Health CareCost</u> <u>Containment</u>. The Johns Hopkins University Press, Baltimore, Maryland, 1990.

Gerard Anderson, Judith Lave, Catherine Russe and Patricia Neuman. <u>Providing Hospital</u> <u>Services: The Changing Financial Environment</u>. The Johns Hopkins University Press, Baltimore, Maryland, 1989.

Book Chapters

Hayes, S., Salzberg, C., McCarthy, D., Radley, D. C., Abrams, M. K., Shah, T., & Anderson, G. F. (2016). High-Need, High-Cost Patients: Who Are They and How Do They Use Health Care?. *New York, NY: The Commonwealth Fund*.

Blumenthal, D., Anderson, G., & Burke, S. (2016). *Tailoring complex-care management, coordination, and integration for high need, high cost patients*. Discussion paper. Washington, DC: National Academy of Medicine.

Salzberg, C. A., Hayes, S. L., McCarthy, D., Radley, D. C., Abrams, M. K., Shah, T., & Anderson, G. F. (2016). Health System Performance for the High-Need Patient: A Look at Access to Care and Patient Care Experiences. *Issue brief (Commonwealth Fund)*, 27, 1

Frogner, B.K., Hussey, P.S. and Anderson, G.F. "Health Systems in Industrialized Countries: in <u>The Oxford Handbook of Health Economics</u>. Sherry Glied and Peter C. Smith eds., Oxford University Press, New York.

Anderson G.F. "The Latest Disease Burden Challenge: People With Multiple Chronic Conditions" in <u>Health Reform Meeting the Challenge of Ageing and Multiple Morbidities</u>, OECD, 2011.

Anderson G.F. Boardman A, and Inman R. "Formation of Health Related Habits" in <u>What Role</u> for Government, Richard Zeckhauser and Derek Leeabert, eds. Duke University Press, 1983.

Anderson G.F. "Research Into Identification of Costs of Graduate Medical Education" in <u>Financing Graduate Medical Education in an Era of Cost Containment</u>, James Bentley, ed., Association of American Medical Colleges, 1984.

Anderson G.F. "Hospital Financing", in <u>Prescription for Change</u>, Robert Heyssel, ed., Commonwealth Fund, New York, New York, 1985.

Russe C and Anderson G.F. "Hospital Reorganization: Examining the Effects on Medical Education", in <u>Health Care in Changing Social and Economic Environment</u>.

Richard Scheffler and Louis Rossiter, eds., Greenwich, Connecticut, JAI Press, Inc., 1987.

Anderson G.F. "Health Care Financing", in Encyclopedia Britannica, 1991.

Anderson G.F. "Technology Assessment in Taiwan", in <u>Research in Human Capital and</u> <u>Development</u>, Alan Sorkin and P.C. Huang, eds., Greenwich, CN, JAI Press, 1991.

Anderson, G.F. "Medicaid Payment Policy and the Boren Amendment", in <u>MedicaidFinancing</u> <u>Crisis: Balancing Responsibilities, Priorities, and Dollars</u>, Diane Rowland, ed., AAAS Press, 1993.

Anderson G.F. "Health Policy in International Perspective" in <u>Encyclopedia of Bioethics</u>, Warren T. Reich, ed., Washington, D.C., 1993.

Anderson, G.F. and Maxwell, S. "The Organization and Financing of Health Care Services", in <u>The AUPHA Manual of Health Services Management</u>, R.J. Taylor & S.B. Taylor, eds. 1994

Anderson G.F. and Steinberg E. "The Role of the Hospital in the Acquisition of Technology", in <u>Medical Innovation at the Crossroads</u>, Annetine C. Gelijns & H.V. Dawkins, eds. National Academy Press, 1994.

Anderson, G.F. and Hussey, P.S., Health Spending, Access and Outcomes: Trends Among Industrialized Countries, in <u>The Entrepreneurs Guide to Global Health Care Markets</u>, Walter W. Wieners, ed. (San Francisco: Jossey-Bass 2000), pp 10-26.

Anderson G.F. and Hussey PS, "Influencing Government Policy: A Framework," in <u>Oxford</u> <u>Handbook of Public Health Practice</u>, Pencheon D, Guest C, Melzer D, and Muir Gray JA, eds. (Oxford: Oxford University Press, 2001), pp. 146-155 Anderson, G.F. and Hall, M.A., "The Management of Conflict Over Health Insurance Coverage," in <u>The Privatization of Health Care Reform Legal and Regulatory Perspectives</u>, Bloche, M.G., ed. (Oxford University Press, 2002), 82-98.

Anderson, G.F. and Petrosyan, V. "Health Policy in International Perspective", Post, Stephen G. 2004. *Encyclopedia of Bioethics*, 3rd edition. New York: Macmillan Reference USA.

Petrosyan, V. and Anderson G.F. "Health Care Systems", Post, Stephen G. 2004. *Encyclopedia* of *Bioethics*, 3rd edition. New York: Macmillan Reference USA.

Anderson GF and Hussey PS, "Single-Payer Health Systems: Some Special Issues," 2003, World Bank Resource Allocation and Purchasing project.

Knickman, J. and Anderson, G.F., "Chronic Care", in <u>Health Care Delivery in the United States</u>, eds. Anthony R. Kovner and James R. Knickman, 8th edition, NY:Springer 2005.

Anderson G.F. and Hussey PS, "Influencing Government Policy: A Framework," in <u>Oxford</u> <u>Handbook of Public Health Practice, Second Edition</u>, Pencheon D, Guest C, Melzer D, and Muir Gray JA, eds. (Oxford: Oxford University Press, 2006), pp. 304-312.

Anderson G.F.and Knickman, J. "Chronic Care" in <u>Health Care Delivery in the United States</u>, 9th Edition, eds. Anthony R. Kovner and James R. Knickman, NY:Springer 2008.

Anderson, G.F., Chalkidou, K., Herring, B., "Prices Are Responsible For Higher Us Health Spending" in <u>Beyond Learned Helplessness: America's Health Care Cost Conundrum</u>. Brookings Press, 2008.

Anderson GF and Waters H "Medicare part E(veryone) <u>Who Has The Cure</u> Brookings Press, 2008

Frogner, B.K., Hussey, P.S. and Anderson G.F. "Health Systems in Developed Countries." Oxford Handbook on <u>Health Economics</u>, eds. Sherry Glied and Peter Smith eds (Oxford University Press) 2010.

Book Reviews

Anderson, GF and Hussey, PS, "Questioning the Need to Ration," Review of Redwood <u>Why</u> <u>Ration Health Care?</u> *Lancet* 358, no. 9275, July 7 2001. Review of Julius B. Richmond and Rashi Fein, Health Policy, ISBN 0-674-01924-5, Cambridge, Mass, Harvard University Press, November, 2005

GERARD F. ANDERSON, PH.D.

PART II

TEACHING

Doctoral Advisees

- 1988 Shu-Hshieh Tien, ScD. The Impact of Two New Jersey Hospital Payment Systems in Expenditures for Major Movable Equipment: Share vs. DRG System.
- 1992 Patricia Neuman, ScD. The Impact of Formal Home Care Services on Patient Outcomes: A Study of Elderly Patients Discharged from Acute Care Hospitals in Baltimore, Maryland.
- 1995 Elizabeth Fowler, Ph.D. Predictive Performance of Current Risk Adjustment Systems: Application to Pediatric Populations.
- 1996 Olaf Gregory Haugen, Ph.D. The Performance of Risk Adjusted Capitated Systems in Allocating a Global Budget.
- 1996 Anthony Tucker, Ph.D. The Effects of Reinsurance Modeling of Risk Adjusted Health Service Payments: A Methodological Analysis of Bias.
- 1997- Nai-Wen Kuo, Ph.D. Measurement of Hospital Performance. A Longitudinal Study of California Hospitals.
- 1998- Diane Campbell, Ph.D. Specific Condition Risk Adjustment Modeling for the Medicare Aged Population.
- 1998 Stephanie Maxwell, Ph.D. Exploring Provider supply, Practice Volume, and Practice Site in An Analysis of Cataract Management.
- 1999 Ginny Hsieh, Ph.D. Comparative Analysis of State Capitation Rate Methods.
- 1999 Akiko Maeda, Ph.D. Evaluating the Effectiveness of User Fee Increase on Improving the Quality of Care in Government Primary Health Care Services in Indonesia.
- 1999 Stacey Wills, Ph.D.

A Comparison of Utilization and Health Outcomes of Incident Dialysis Patients with Managed Care versus Fee-for-Service Health Insurance.

- 1999 Chantal Louise Worzala, Ph.D. Patterns of Physician Participation in a Changing Health Care Market: Implications for Medicare and Medicaid.
- 2000 Karen Kinder, Ph.D. A Model of Physician Behavior, Payment Method, and Practice Setting: An Analysis of Physicians in Former East Germany.
- 2001 Wendy Weller, PhD. Utilization of Medical and Health Related Services Among Children With Chronic Conditions.
- 2004 Fernando Montenegro Torres, Ph.D.
 Human Capital Investment Nutrition and Household Decisions on Schooling: Empirical Evidence From a Developing Country.
- 2004 Atul Grover, Ph.D. The Relationship Between Teaching Hospital Missions and Medicare's Graduate Medical Education and Disproportionate Share Payments.
- 2005 Varduhi Petrosyan, Ph.D. Determinants of Health Care Spending Using the Co-Integration Approach.
- 2005 Claire Snyder, Ph.D. Evaluating Medicare's Quality Improvement Organizations.

2006 - Gretchen Jacobson, Ph.D. The Return on Investing Additional Tax Dollars into the National Institutes of Health: A Case Study Examining the Influence of NIH Funding on Pharmaceutical Research and Development.

- 2007 Erin Holve, PhD. Factors Associated With Purchase of Long-Term Care Insurance.
- 2008 Bianca Frogner, PhD. Long-Run Modeling of Health Care Expenditure Growth in Industrialized Countries.
- 2009 Suzanne Goodwin, PhD. Effect of Cost Sharing on Utilization of Preventive Services Among Medicare Beneficiaries.

- 2013 Patricia Markovich Cross-country Comparison of Diabetes and other Chronic Diseases in the Unites States Compared to Candidate.
- 2014 Adele Shartzer, PhD The Impact of Health Care Market Concentration on Consumers's Experience.
- 2014 Christine Buttorff, PhD The Impact of a Value-Based Insurance Design on Those with Multiple Chronic Conditions.
- 2014 Eva Dugoff, PhD Care Coordination, Quality and Outcomes: A Study in Older Adults with Multiple Chronic Conditions.
- 2014 Alexo Esperato, PhD Happiness: A Policy Perspective
- 2015 Amber Willink, PhD Preparing for the Future: Mid-life Demographic, Socio-economic, Health, and Risk Factor Characteristics Associated with Developing Disability and Using Long-Term Care Among Older Adult.
- 2015 Claudia Salzberg, PhD Does the Patient Centered Medical Home Improve the Care for the High Need, High Cost Population?
- 2017 Jeromie Ballreich, PhD Price Discrimination in the US Cancer Drug Market
- 2017 Mariana Socal, PhD Polypharmacy in Older Adults: A Multi-level Analysis of Trends, and Determinants in Sao Paulo, Brazil.
- 2017 Afsan Bhadelia, PhD Development of a Multidimentional Measure of Health Justice for Priority-Setting in Health System Strengthening.

Masters Advisees

Wu, Master of Public Health, 2003 Erickson, Master of Pubic Health, 2003 Davis, Master of Health Science, May 1985 Simerly, Master of Health Science, May 1985 McKeown, Master of Health Science, May 1985 Bigelson, Master of Health Science, May 1986 Cheang, Master of Health Science, May 1986 Lyon, Master of Health Science, May 1986 Cho, Master of Health Science, May 1987 Peterson, Master of Health Science, May 1988 Roche, Master of Health Science, May 1989 Carroll, Master of Health Science, May 1991 Cahan, Master of Health Science, May 1993 Manowitz, Master of Health Science, May 1993 Rosenberg, Master of Health Science, May 1993 Shih, Master of Health Science, May 1993 Tseng, Master of Health Science, May 1993 Lee, Master of Health Science, 1994 Cavanagh, Master of Public Health, 1995 Hofmarcher, Master of Public Health, 1995 Lichenstein, Master of Health Science, 1995 Huwang, Master of Health Science, 1995 Ginhoven, Master of Health Science, 1996 Toomey, Master of Health Science, 1996 Pearson, Master of Health Science, 1997 Cardarelli, Master of Public Health, 2007 Sura, Master of Public Health, 2007 Arnquist, Master of Public Health, 2007 Vishnubkarkta, Master of Public Health, 2007 Gajjar, Master of Public Health, 2007 Adams, Master of Public Health, 2008 Ansatt, Master of Public Health, 2008 Wu, Master of Public Health, 2008 Agbor-Tabi, Master of Public Health, 2008 Spevak, Master of Public Health, 2009 Degnan, Master of Public Health, 2009 Boucher, Master of Public Health, 2009 Erickson, Master of Public Health, 2009

Preliminary Oral Participation

Joshsa Lozman Bianca Frogner Suzanne Goodwin Erin Holve Gretchen Jacobson Varduhi Petrosyan Claire Snyder Stacey Ackerman Karen Kinder June Buckle Kuo-Piau Chung Amy Davidoff Darrell Gaskin Herve Gillian

Robert Griffiths Sterling Hilton Frances Hankel Shuang-Yu Hsing Catherine Kelleher Brian Kinkead Cheng Hau Lee Jong Chang Lee Dale Lupu Suzanne McQueen Patricia Neuman La Rah Payne Mohan Purushathaman Diane Rowland Andrew Shore Melody Tien

Final Oral Participation

Bianca Frogner Gretchen Jacobson Suzanne Goodwin Erin Holve Stacey Ackerman Claire Snyder Diane Campbell Karen Kinder Liz Fowler Dale Lupu Suzanne McQueen Patricia Neuman La Rah Payne Mohan Purushathaman Diane Rowland Andrew Shore Herve Gillian **Robert Griffiths** Brian Kinkead Linda Kohn Nai Wen Kuo Cheng-Hau Lee

Patricia Neuman Diane Rowland Melody Tien Olaf Haugen Anthony Tucker

Classroom Instruction, School of Hygiene and Public Health, Johns Hopkins University

Introduction to Health Policy 2017 - present Gerard F Anderson 100 students

<u>Comparative Health Insurance</u> 2005 - present Gerard F Anderson 45 students

Introduction to Public Health Policy 2013 -2017 Gerard Anderson, PhD 275 students

<u>Health Policy PhD seminar 2016</u> Gerard Anderson, PhD – 10 students

<u>Chronic Conditions 2009-2014</u> Gerard Anderson, PhD and Sara Bleich, PhD 40 students

Introduction to Health Policy 2006-10 Gerard F. Anderson, PhD 114 students

Introduction to Health Policy 2006-2007 Gerard F. Anderson, PhD 90 students

Introduction to U.S. Health Policy 2006-2008 Gerard F. Anderson, PhD 140 students

Making Federal Health Policy: The Real Washington DC– 2004-2009 Gerard F. Anderson, Ph.D. 20 students

Doctoral Core Sequence in Health Policy and Management 2000-2005 Gerard F. Anderson, Ph.D.

26 students

- Organization, Finance and Delivery of Health Services 1995 2001 Gerard F. Anderson, Ph.D., 100 students
- Policy Issues in Health Care Financing and Delivery. 1986-1994 Gerard F. Anderson, Ph.D., 70 students
- <u>Graduate Seminar in Health Service Research</u> 1997 2004 Gerard F. Anderson, Ph.D., 11 students
- Case Studies in Comparative Health Insurance Systems. 1989 2005 Gerard F. Anderson, Ph.D. and Timothy Baker, M.D.. 25 students
- Introduction to Health Policy and Management. 1995 Gerard F. Anderson, Ph.D., 45 students
- Topics in Health Care Financing. 1992 Richard Frank, Ph.D., Greg de Lissovoy, Ph.D., and Gerard Anderson, Ph.D. 20 students.
- Multivariate Analysis 1985-1995 Gerard F. Anderson, Ph.D.

Classroom Instruction, School of Medicine, Johns Hopkins University.

<u>Physician and Society</u>. Gerard F. Anderson, Ph.D. Section leader on health care finance for all 1st year medical students - 1987 - Present. 120 students.

<u>Physician and Society</u>. Gerard F. Anderson, Ph.D. Section leader on health policy for 1st and 2nd year medical students - 1995 - present. 24 students.

<u>Physician and Society</u>. Gerard F. Anderson, Ph.D. Section leader on health care finance For third and fourth year medical students – 2000-2005. 240 students.

<u>Robert Wood Johnson Clinical Scholars</u>. Gerard F. Anderson, Ph.D. Section leader lecturer on health care finance and health economics, 1995 - 2007. 11 students

Classroom Instruction, School of Public Administration, American University.

Policy Options in Health Care. Gerard Anderson and Jack Needleman 1978 - 1983.

25 students.

Evaluation of Health Care Programs. Gerard Anderson and Jack Needleman 1979 - 1983. 25 students.

RESEARCH GRANT PARTICIPATION

Title:	Health Care Cost Containment
Sponsor:	The Robert Wood Johnson Foundation
Role:	Senior Investigator
Dates:	1983-1986
Amount:	\$707,067
Objective:	Preparation of book chapters on health care cost containment
Title: Sponsor: Role: Dates: Amount: Objective:	Effective of Increasing Physician Supply DHHS, Office of Secretary Principal Investigator 1984-1985 \$30,000 Data analysis of relationship between physician expenditures and physician supply
Title:	Health Behavior
Sponsor:	The John A. Hartford Foundation
Role:	Senior Investigator
Dates:	1981-1984
Amount:	\$600,000
Objective:	Conductive Medicare claim data analysis
Title:	Prescription for Change
Sponsor:	Commonwealth Fund
Role:	Principal Investigator
Dates:	1983-1984
Amount:	\$160,00
Objective:	Prepared chapter for book published by Commonwealth Fund
Title:	Long Term Care
Sponsor:	American Association of Retired Person
Role:	Principal Investigator
Dates:	1984-1985
Amount:	\$146,469
Objective	Analysis of long term care data bases
Title:	Prospective Payment Systems
Sponsor:	Department of Defense
Role:	Principal Investigator

Dates:	1985-1986
Amount:	\$5,569
Objective:	Reviewed hospital payment system for DOD
Title:	Prospective Payment
Sponsor:	New Jersey Department of Health, State of New Jersey
Role:	Senior Investigator
Dates:	1984
Amount:	\$13,888
Objective:	Analyzed all payor rate setting program in New Jersey
Title:	Capital Payment Policy
Sponsor:	Prospective Payment Assessment Commission
Role:	Principal Investigator
Dates:	1984-1985
Amount:	\$10,000
Objective:	Analyzed capital payment options
Title:	Quality of Care Implications of DRG Based Reimbursement
Sponsor:	American Medical Association
Role:	Senior Investigator
Dates:	1985
Amount:	\$20,000
Objective:	Conducted research studies on hospital behavior
Title:	Program for Medical Technology and Practice Assessment
Sponsor:	The Johns Hopkins Hospital and Medical School
Role:	Eric Bass and Gerard F. Anderson, Co- Principal Investigators,
Dates:	1986-present
Amount:	\$14,000,000 (approximately - ongoing),
Objective:	Analysis of specific medical technologies
Title:	Hospital Finance
Sponsor:	The John A. Hartford Foundation
Role:	Principal Investigator
Dates:	1984-1986
Amount:	\$600,000
Objective:	Conducted research studies on hospital behavior
Title:	Faculty Fellowship Program in Health Care Finance
Sponsor:	The Robert Wood Johnson Foundation
Role:	Senior Investigator
Dates:	1985-1986
Amount:	\$338,474
Objective:	Supervised Fellows

Title:	Providing Hospital Services
Sponsor:	The Commonwealth Fund
Role:	Principal Investigator
Dates:	1985-1986
Amount:	\$65,002
Objective:	Preparation of book, Providing Hospital Services
Title:	Faculty Fellowship Program in Health Care Finance
Sponsor:	The Robert Wood Johnson Foundation
Role:	Senior Investigator
Dates:	1987
Amount	\$338.474
Objective:	Supervised Fellows
Title:	Graduate medical education
Sponsor:	The American Association of Medical Colleges
Role:	Principal Investigator
Dates:	1987-1990
Amount:	\$197,000
Objective:	Development of data base on teaching hospitals
Title:	Hospital Cost Control Impacts on the Poor and Uninsured
Sponsor:	National Center for Health Services Research
Role:	Senior Investigator
Dates:	1986-1988
Amount:	\$235,865
Objective:	Data analysis
Title: Sponsor: Role: Dates: Amount: Objective:	Post Discharge Outcomes National Center for Health Services Research Principal Investigator 1987-1988 \$200,000 Primary data collection on status of patients following hospital discharge at Johns Hopkins and Francis Scott Key Hospitals
Title:	Long Term Care
Sponsor:	American Association of Retired Persons,
Role:	Principal Investigator
Dates:	1987-1988
Amount:	\$49,000
Objective:	Analysis of long term care data bases
Title:	Adjusting Payment Rates in Capitated Systems
Sponsor:	Health Care Financing Administration
Role:	Principal Investigator

Date:	1987-1989
Amount:	\$383,659,
Objective:	Development of capitation model to predict costs of medical services
Title:	Long Term Care, 1988-1989,
Sponsor:	American Association of Retired Persons,
Role:	Principal Investigator
Dates:	1988-1989
Amount:	\$183,000
Objective:	Analysis of long term care data bases
Title:	Gall Stone Lithotripsy, 1989,
Sponsor:	National Center for Health Services Research
Role:	Senior Investigator
Dates:	1989
Amount:	\$50,000
Objective:	Cost Benefit Analysis
Title:	Cost of Excess Hospital Beds
Sponsor:	American Health Care Institute
Role:	Principal Investigator
Dates:	1987-1989
Amount:	\$100,000
Objective:	Calculated the cost of excess hospital beds
Title:	Variation in Cataract Management: Patient and Economic Outcomes
Sponsor:	Agency for Health Care Policy and Research
Role:	Senior Investigator
Dates:	1989-1994
Amount:	\$6,954,000
Objective:	Responsible for claims data and economics analysis
Title:	Monitoring Trends in Hospital Capital Investment
Sponsor:	Health Care Financing Administration
Role:	Principal Investigator
Dates:	1987-1989
Amount:	\$232,136
Objective:	Analysis of relationship between capital and operating expenses
Title: Sponsor: Role: Dates: Amount: Objective:	Cost Effective Analyses of Intravenous Immune Globulin in Bone Marrow Transplant Patients Sandoz Corporation Principal Investigator 1989-1990 \$79,123 Cost benefit analysis

Title:	Data Analysis
Sponsor:	Equitable Life Insurance
Role:	Principal Investigator
Dates:	1988-1989
Amount:	\$23,940
Objective:	Analysis of hospital market areas
Title:	Lomefloxacin Cost Effectiveness and Quality of Life Planning Study
Sponsor:	G.D. Searle Company
Role:	Principal Investigator
Dates:	1989-1990
Amount:	\$38,978
Objective:	Cost benefit analysis
Title:	ERSD Cost Studies
Sponsor:	Health Care Financing Administration
Role:	Co-Principal Investigator
Dates:	1990-1992
Amount:	\$400,000
Objective:	Economic and claims data analysis
Title:	Examining Options for Health Insurance for the Uninsured
Sponsor:	Blue Cross/Blue Shield Association of Maryland
Role:	Principal Investigator
Dates:	1991
Amount:	\$10,000
Objective:	Estimate the demand for services by the uninsured
Title:	Tax Exempt Hospitals
Sponsor:	AmHS Institute
Role:	Principal Investigator
Dates:	1991
Amount:	\$36,617
Objective:	Survey design and analysis of extent of services provided by non-profit hospitals
Title:	Econometric Analysis/Ohio CON Program, 1990-1991
Sponsor:	Lewin/ICF
Role:	Principal Investigator
Dates:	1990-1991
Amount:	\$7,000
Objective:	Data analysis
Title:	Coverage for Experimental Procedures
Sponsor:	Blue Cross/Blue Shield Association of Maryland
Role:	Principal Investigator
Dates:	1990

Amount:	\$20,000
Objective:	Review of coverage policy for experimental procedures
Title:	Legal Activism
Sponsor:	Health Insurance Association of America
Role:	Principal Investigator
Dates:	1990
Amount:	\$15,000
Objective:	Development of papers of impact of courts on coverage policy
Title:	Assessment of Emergency Care Needs for AIDS Patients
Sponsor:	American Foundation for AIDS Research
Role:	Senior Investigator
Dates:	1990-1991
Amount:	\$60,000
Objective:	Cost of treating patients with AIDS
Title:	Cost Effectiveness of Rotovirus Vaccine
Sponsor:	Wyeth-Ayerst
Role:	Principal Investigator
Dates:	1990-1992
Amount:	\$83,982
Objective:	Cost Effectiveness Component of Randomized Clinical Trial
Title:	Analysis of Medicaid Payment Options
Sponsor:	Prospective Payment Assessment Commission
Role:	Principal Investigator
Dates:	1991
Amount:	\$35,00
Objective:	Analysis of Boren Amendment litigation involving hospitals
Title: Sponsor: Role: Dates: Amount: Objective:	Cataract Extraction: An International Comparison Agency for Health Care Policy and Research Principal Investigator 1991-1996 1,121,846 Primary data collection and analysis. International comparisons of cataract extractions in the United States, Canada and Denmark
Title:	Financial and Regulatory Environment in Industrialized Countries
Sponsor:	Johns Hopkins University, Faculty Development Award
Role:	Principal Investigator
Dates:	1991-1992
Amount:	\$28,823
Objective:	Analysis of Comparative Health Insurance

Title: Sponsor: Role: Dates: Amoount: Objective:	Health Policy Initiatives School of Medicine, Johns Hopkins University Principal Investigator 1991-1992 \$16,000 Lead four full-day seminars for the Dean of Medical School and President of Johns Hopkins Hospital on major health policy issues
Title: Sponsor: Role: Dates: Amount: Objective:	Management of Chronic Disease The Robert Wood Johnson Foundation Co-Principal Investigator 1991-1992 \$200,000 Evaluation of the effectiveness of alternative methods for delivering care to the chronically ill
Title:	All Payor System for Physicians
Sponsor:	Prospective Payment Review Commission
Role:	Principal Investigator
Dates:	1991
Amount:	\$23,792
Objective:	Evaluation of the impact of an all-payor system for physicians
Title:	Practice Guidelines for Pain Management
Sponsor:	Agency for Health Care Policy and Research
Role:	Investigator
Dates:	1991-1993
Amount:	\$600,000
Objective:	Policy component of practice guidelines for pain management and cancer pain
Title:	Health Care for Children
Sponsor:	National Association of Children's Hospitals
Role:	Principal Investigator
Dates:	1992-1993
Amount:	\$125,000
Objective:	Analysis of the impact on payment reform initiatives on children's hospitals
Title:	Risk Adjusters
Sponsor:	Health Care Financing Administration
Role:	Principal Investigator
Dates:	1992-1995
Amount:	\$349,720
Objective:	Develop system for paying managed care organizations by Medicare

Title: Sponsor: Role: Dates: Amount: Objective:	Lasers in Health Care: Case Study of Effectiveness Information in Coverage Reimbursement and Benefit Design Issues - 1992-1993 Office of Technology Assessment Co-Investigator 1992-1993 \$76,014 To understand how private insurers evaluate the necessity of laser surgery.
Title: Sponsor: Role: Dates: Amount: Objective:	Managed Competition and Hospital Efficiency The Commonwealth Fund, 1993 – 1994 Principal Investigator 1993-1994 \$78,588 Analysis of the likely impact of different national cost control strategies.
Title: Sponsor: Role: Dates: Amount: Objective:	Capitation Options National Association of Children's Hospitals and Related Institutions Principal Investigator 1993 \$32,262 To develop and implement risk adjusters for children
Title: Sponsor: Role: Dates: Amount Objective:	International Data on Aging for Researchers National Institute on Aging Co-Principal Investigator 1993 \$49,500 To develop database researchers can access to conduct international comparisons on aging
Title: Sponsor: Role: Dates: Amount: Objective:	Methods of Anesthesia and Analgesia for Aortic Surgery National Institutes for Health Investigator 1993-1996 \$1,908,347 To conduct the cost effectiveness portion of the randomized clinical trial.
Title: Sponsor: Role: Dates: Amount: Objectivve:	Workforce Initiative Robert Wood Johnson Foundation, 1993-1994 Principal Investigator 1993-1994 \$35,776 To analyze components of President Clinton's health care reform proposal on workforce participation.
Title:	Risk Adjustors for Children's Hospitals

Sponsor:	NACHRI
Role:	Principal Investigator
Dates:	1994-1995
Amount:	\$118,000
Objective:	To develop a list of high cost conditions for children
Title:	Capitation for the Under 65 Population
Sponsor;	HCFA, 1994-1996
Role:	Principal Investigator
Dates:	1994-1996
Amount:	\$1,029,000
Objective:	To develop a capitation system in the Under 65 population for Health Care reform
Title:	Excess Capacity in Maryland
Sponsor:	Maryland Health Care Coalition
Role:	Principal Investigator
Dates:	1994-1995
Amount:	\$55,000
Objective:	To calculate the cost of excess capacity in the Baltimore health system
Title:	Demand for Otolaryngologists
Sponsor:	American Academy of Otolaryngology
Role:	Principal Investigator
Dates:	1995
Amount:	\$49,000
Objective:	To calculate the number of otolaryngologists that are necessary in the U.S.
Title:	Study to Evaluate Current Performance in Washington DC
Sponsor:	MidAtlantic Healthcare Purchasing Coalition
Role:	Principal Investigator
Dates:	07/01/95 - 12/31/95
Amount:	\$30,000
Objective:	To calculate the cost of excess capacity in the Washington DC health system
Title:	Use of Medical Services by Chronically Ill Children
Sponsor:	ASPE, U.S. Department of Health and Human Services
Role:	Principal Investigator
Dates:	09/30/94 - 01/31/96
Amount:	\$90,000
Objective:	To estimate the use of medical care services by children in Medicaid
Title: Sponsor: Role: Dates:	Medical Care Provider Payment Systems Manual (Reimbursement Manual) Preparation of Materials for Technical Workshop on Manual Organization ABT/USAID Principal Investigator 05/08/95 - 06/08/95

Amount: Objective:	\$22,749 To develop a payment manual
Title: Sponsor: Role: Dates: Amount: Objective:	Managed Care and Children with Chronic Illness: Determining What is Appropriate Medical Care Packard Foundation Principal Investigator 01/01/96 - 03/31/97 \$175,006 To develop a payment and delivery system for chronically ill children
Title: Sponsor: Role: Dates: Amount: Objective:	Estimating the Impact of Foreign Medical Graduate Students on Medicare Spending The Commonwealth Fund Principal Investigator 08/01/95 - 12/31/95 \$19,500 To estimate the impact of change in Medicare policy
Title: Sponsor: Role: Dates: Amount: Objective:	Access of Chronically III Medicare Beneficiaries to Managed Care Plans Commonwealth Fund Principal Investigator 12/01/95 - 02/28/97 \$184,035 To develop a payment and delivery system for chronically ill Medicare beneficiaries
Title: Sponsor: Role: Dates: Amount: Objective:	The National Health Insurance Program (NHIP) in Taiwan: Selected Areas for Possible Collaboration in the Two Year Evaluation The National Health Insurance Program, Taipei, Taiwan Investigator 1996 - 1998 \$161,700 Analysis of Taiwan health reforms
Title: Sponsor: Role: Dates: Amount: Objectives:	Cross-National Comparisons of Health Systems Data, 1999 Commonwealth Fund Principal Investigator 1/1/99-12/31/99 \$72,000 Update overall trends in health systems' performance with emphasis on comparing quality of care at both the individual, patient and population level
Title:	Practice Patterns in the Care for Chronically III Medicare Beneficiaries:

Sponsor: Role: Dates: Amount: Objectives:	The Kaiser Foundation Principal Investigator 7/1/97-5/31/99 \$290,000 Strategic Comparisons Between Fee-For-Service and Managed Care
Title: Sponsor: Role: Dates: Amount: Objectives:	Improving the Care and Outcomes of Persons With Chronic Diseases The Robert Wood Johnson Foundation Principal Investigator 03/01/99 – 06/30/99 \$99,499 Planning Grant for national program
Title: Sponsor: Role: Dates: Amount: Objective:	International Working Group on Quality Indicators Commonwealth Fund. Principal Investigator 01/01/2001-12/31/2001 \$25,000 Research and background report on national quality reporting activities and development of quality measures in five countries
Title: Sponsor: Role: Dates: Amount: Objective:	Cross National Comparison of Quality Data, 2000 Commonwealth Fund Principal Investigator 01/01/00-12/31/00 \$73,154 Update overall trends in health systems' performance with emphasis on comparing quality of care at both the individual, patient and population level
Title: Sponsor: Role: Dates: Amount: Objective:	A National Pubic Engagement Campaign on Chronic Illness Robert Wood Johnson Foundation Principal Investigator 10/01/99-09/30/04 \$7,000,000 The project will focus on raising awareness of the problems of chronic illness in the 21 st century and develop public and private solutions to those problems
Title: Sponsor: Role: Dates: Amount: Objective:	International Working Group on Quality Indicators Commonwealth Fund. Principal Investigator 01/01/2001-12/31-2001 \$25,000 Research and background report on national quality reporting activities and development of quality measures in five countries
Title:	Cross National Comparison of Quality Data, 2002

Sponsor: Role: Dates: Amount: Objective:	Commonwealth Fund Principal Investigator 01/01/02-12/31/02 \$75,000 Update overall trends in health systems' performance with emphasis on comparing quality of care at both the individual, patient and population level
Title: Sponsor: Role: Dates: Amount: Objective:	International Working Group on Quality Indicators Commonwealth Fund Principal Investigator 12/01/01-12/31/02 \$120,340 This project aims to improve the measures available for cross-national comparisons of health care quality.
Title: Sponsor: Role: Dates: Amount: Objective:	International Working Group on Quality Indicators, Phase 3 Commonwealth Fund Principal Investigator 01/01/2003-06/30/2004 \$126,357 This project aims to improve the measures available for cross-national comparisons of health care quality.
Title: Sponsor: Role: Dates: Amount: Objective:	Cross National Comparison of Health System Quality Data, 2004 Commonwealth Fund Principal Investigator 08/06/2003-04/01/2004 \$25,000 Update overall trends in health systems' performance with emphasis on comparing quality of care at both the individual, patient and population level
Title: Sponsor: Role: Dates: Amount: Objective:	OECD International Health Care Quality Indicators Project Commonwealth Fund Principal Investigator 12/01/2002-06/30/04 \$41,065 This project aims to improve the measures available for cross-national comparisons of health care quality.
Title: Sponsor: Role: Dates: Amount: Objective: comparing	Cross National Comparison of Health System Quality Data, 2004 Commonwealth Fund Principal Investigator 01/01/2004-12/31/2004 \$25,000 Update overall trends in health systems' performance with emphasis on

quality of care at both the individual, patient and population level

Title: Sponsor: Role: Dates: Amount: Objective:	Cross National Comparison of Quality Data, 2004 Commonwealth Fund Principal Investigator 01/01/04-12/31/04 \$75,000 Update overall trends in health systems' performance with emphasis on comparing quality of care at both the individual, patient and population level.
Title: Sponsor: Role: Dates: Amount: Objective:	International Working Group on Quality Indicators, 2004 Commonwealth Fund Principal Investigator 01/01/2004-12/31/04 \$126,861 This project aims to improve the measures available for cross-national comparisons of health care quality.
Title: Sponsor: Role: Dates: Amount: Objective:	Cross National Comparisons of Health Systems Quality Data, 2005 Commonwealth Fund Principal Investigator 01/01/05 – 12/31/05 \$50,000 Update overall trends in health systems' performance with emphasis on comparing quality of care at both the individual, patient and population level.
Title: Sponsor: Role: Dates: Amount: Objective:	Trends in Out-of-Pocket Health Care Spending and Income Among Medicare Beneficiaries, 1997-2003 Henry J. Kaiser Family Foundation Principal Investigator 12/14/04-12/31/05 \$8,500 An analysis will be conducted to determine the trends of out-of-pocket health care spending and income among Medicare beneficiaries
Title: Sponsor: Role: Dates: Amount:	Cross National Comparisons of Health Systems Quality Data, 2006 Commonwealth Fund Principal Investigator 01/01/06-12/31/06 \$60,000

Objective:	Update overall trends in health systems' performance with emphasis on comparing quality of care at both the individual, patient and population level
Title: Sponsor: Role: Dates: Amount: Objective:	 Why Do the Uninsured Pay So Much When They Go To The Hospital? Henry J. Kaiser Family Foundation Principal Investigator 04/01/06 – 09/30/06 \$24,978 Will use Medicare Cost Reports to provide the answers questions such as; what is the difference between charges and costs and how has it changed over time; what is the difference between charges and what insurers pay and how it has changed over time., etc. Will also provide historical trends.
Title: Sponsor: Role: Dates: Amount: Objective:	Analysis of Medicare Rates and Costs for the Commonwealth Fund Scorecard Commonwealth Fund Principal Investigator 09/01/06 – 10/31/06 \$44,818 This project will provide data on readmissions, ambulatory sensitive conditions and chronic conditions that can be incorporated into the high performing health care systems data base being assembled by the Commonwealth Fund
Title: Sponsor: Role: Dates: Amount: Objective:	The Role of Pharmaceutical Data in Identifying Patients Who Could Benefit From Better Care Management Commonwealth Fund Principal Investigator 07/01/06 – 06-30-08 \$45,230 This project will examine which Medicare beneficiaries would be identified as having modifiable costs using the RHI algorithms when drug information is used and who is identified when prescription drug information is not available.
Title: Sponsor: Role: Dates: Amount: Objective:	Eliminating the Ban on Medicare Negotiating Directly With Pharmaceutical Companies Henry J. Kaiser Family Foundation Principal Investigator 09/15/06-12/15/06 \$15,000 This project will explore various options for determining the rate that the Medicare program would pay.
Title: Sponsor: Role: Dates: Amount:	Cross National Comparisons of Health Systems Quality Data, 2007 Commonwealth Fund Principal Investigator 01/01/07-12/31/07 \$61,000

Objective:	Update overall trends in health systems' performance with emphasis on comparing quality of care at both the individual, patient and population level.
Title: Sponsor: Role: Dates: Amount: Objective:	Effect of Cost Sharing on Utilization of Preventive Services among Medicare Beneficiaries Humana Principal Investigator 01/01/06 – 06/30/08 \$300,853 This project will be the creation of information that will lead to new knowledge concerning how to increase adherence to drug treatments
Title: Sponsor: Role: Dates: Amount: Objective:	Analysis of Medicare Rates and Costs Commonwealth Fund Principal Investigator 02/01/07 1/31/08 \$35,000 This project will provide data on readmissions, ambulatory sensitive conditions and chronic conditions that can be incorporated into the high performing health care systems data base being assembled by the Commonwealth Fund.
Title: Sponsor: Role: Dates: Amount: Objective:	Cross National Comparisons of Health Systems Quality Data, 2008 Commonwealth Fund Principal Investigator 01/01/08-8/30/09 \$61,000 Update overall trends in health systems' performance with emphasis on comparing quality of care at both the individual, patient and population level
Title: Sponsor: Role: Dates: Amount: Objective:	Cross National Comparisons of Health Systems Quality Data, 2009 Commonwealth Fund Principal Investigator 01/01/09-8/30/10 \$61,000 Update overall trends in health systems' performance with emphasis on comparing quality of care at both the individual, patient and population level.
Title: Sponsor: Role: Dates: Amount: Objective:	Chronic Disease Chart book Robert Wood Johnson Foundation Principal Investigator 06/01/09-07/30/09 \$35,000 Creation of chart book that analyzes trends in chronic disease prevalence and cost

Title:	Latin American and Caribbean Chronic Disease Assessment
Sponsor:	USAID
Role:	Principal Investigator
Dates:	01/01/08-09/30/09
Amount:	\$125,000
Objective:	Analysis of chronic disease costs and trends in Latin America
Title:	Chronic Disease in the Southern Cone
Sponsor:	International Development Bank
Role:	Principal Investigator
Dates:	06/01/09-12/31/09
Amount:	\$25,000
Objective:	Analysis of chronic disease programs in Argentina, Chile and Uruguay
Title:	Improving Risk Adjusters
Sponsor:	EXCEL Health
Role:	Principal Investigator
Dates:	01/01/08-06/30/09
Amount:	\$165,000
Objective:	Development of a new risk adjustment method for CMS
Title:	Health Policy Standard
Sponsor:	Bertelsmann Foundation
Role:	Principal Investigator
Dates:	01/01/06- 12/31/10
Amount:	\$200,000
Objective:	Comparison of health policy initiatives across industrialized countries
Title: Sponsor; Role: Dates: Amount: Objective:	Comparing Readmissions and ACSCs America's Community Health Plans Principal Investigator 02/01/09-06/30/09 \$35,000 Comparison of readmission rates and ACSCs among Medicare fee-fro-service and managed care plans
Title:	Chronic Disease in Southeast Asia
Sponsor:	World Bank
Role:	Principal Investigator
Dates:	01/01/09-08/30/09
Amount:	\$65,000
Objective:	Analysis of burden of disease and existing programs to treat chronic diseases in

SoutheastAsia

Title:	Chronic Disease in Bangladesh
Sponsor:	United Health Care
Role:	Principal Investigator
Dates:	01/00/08-12/31/12
Amount:	\$2,000,000
Objective:	Analysis of chronic disease programs in Bangladesh
Title:	Chronic Disease in Bangladesh
Sponsor:	National Institutes for Health (NHLBI)
Role:	Principal Investigator
Dates:	01/01/10-12/31/12
Amount:	\$2,000,000
Objective:	Analysis of chronic disease programs in Bangladesh
Title:	Cost Analysis
Sponsor:	American International Group
Role:	Principal
Dates:	07/1/11 -6/30/12
Amount:	\$900,000
Objective:	Analysis of Workers Compensation Programs
Title:	Health Reform in Japan
Sponsor:	Commonwealth Fund
Role:	Principal Investigator
Dates:	6/1/11- 9/30/11
Amount:	\$10,000
Objective:	Analysis of Japanese health care system
Title:	Health Reform in Japan
Sponsor:	CSIS
Role:	Principal Investigator
Dates:	6/1/11- 9/30/11
Amount:	\$10,000
Objective:	Analysis of Japanese health care system
Title:	Drug Spending Variation
Sponsor:	Commonwealth Fund
Role:	Principal Investigator
Dates:	6/1/11- 9/30/11
Amount:	\$5000
Objective:	Analysis of international drug prices

Title:	Readmissions in the Medicare Program
Sponsor:	Commonwealth Fund
Role:	Principal Investigator
Dates:	3/1/11- 12/31/11
Amount:	\$75,000
Objective:	Investigate reasons for read missions in Medicare
Title:	Predicting Mortality Rates
Sponsor:	American International Group
Role:	Principal Investigator
Dates:	05/01/2012 – 03/31/2013
Amount:	\$955,000
Objective:	Identify factors that predict life expectancy
Title:	Top 10 Health Innovations for the US to Consider
Sponsor:	Commonwealth Fund
Role:	Principal Investigator
Dates:	06/01/2012-05/30/2013
Amount:	\$24,800
Objective:	Identify ten policy ideas the US should consider from other countries
Title:	Implementation of Worker's Compensation Program
Sponsor:	American International Group
Role:	Principal Investigator
Dates:	10/01/2012-09/30/2013
Amount:	\$100,000
Objective:	Identify ways to improve workers compensation insurance
Title:	AIG III Medical Deterioration
Sponsor:	American International Group
Role:	Principal Investigator
Dates:	07/01/2013 – 03/31/2014
Amount:	\$745,000
Objective:	Further data analysis from prior AIG project results
Title:	High Performing Health Systems
Sponsor:	Commonwealth Fund
Role:	Principal Investigator
Dates:	07/01/2014 – 03/31/2015
Amount:	\$224,000
Objective:	Analysis of programs that treat high need high cost patients
Title:	Typology of High Need High Cost Patients
Sponsor:	Commonwealth Fund
Role:	Principal Investigator

Dates:	09/01/2015 – 03/31/2016
Amount:	\$50,000
Objective:	Develop a typology of high need persons
Title:	Specialty Drugs
Sponsor:	Arnold Foundation
Role:	Principal Investigator
Dates:	09/01/2015 – 12/31/2016
Amount:	\$289,000
Objective:	Investigation of drug pricing
Title:	Drug pricing
Sponsor:	Arnold Foundation
Role:	Principal Investigator
Dates:	11/1/16-5/31/19
Amount:	3,589.000
Objective:	To develop drug pricing policy options
Title:	Formulary Design
Sponsor:	Arnold Foundation
Role:	Principal Investigator
Dates:	09/01/18-02/28/20
Amount:	\$818,158
Objective:	To improve drug formularies
Title:	Private Sector Pricing
Sponsor:	Arnold Foundation
Role:	Principal Investigator
Dates:	09/01/18-02/28/20
Amount:	\$1,199,903
Objective:	To lower prices paid by private sector

ACADEMIC SERVICE

Department

1986-1992	Chair, Admissions Committee
1989-2012	Member, Appointments and Promotions Committee
1990-2012	Member, Multiple Faculty Search Committees
1992-2000	Chair, Appointments and Promotions Committee
1992-2002	Associate Chair
2000-2014	Member, Exam Committee
1994-present	Appointments and Promotion Committee
2016-present	Chair Exam Committee

School

1994-1998	Member, School Academic and Promotion Committee
2002-2008	Academic Integrity Committee
2006	International Health Review Committee
2009-2010	Member, School Academic and Promotion Committee

University

1990-2010	Advisor to President Brody
2010-2012	Advisor to Provost Miner