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***EDUCATION:***

**University of Pennsylvania**, Philadelphia, Pennsylvania, 1987-1993

Ph.D. (Economics), 1993

M.A. (Economics), 1988

Thesis Title: "Consumer Information and Ownership in the Nursing Home Industry"

Fields: Health Care, Public Economics, Industrial Organization, and Labor

**Carleton College**, Northfield, Minnesota, 1983-1987

B.A. (Economics), 1987

Summa Cum Laude with Distinction in Economics

Concentration: Science, Technology, and Public Policy

***EXPERIENCE:***

University of Michigan, Ann Arbor, Michigan, 1993-present

Professor (with tenure), Department of Health Management and Policy,  
and Department of Internal Medicine (2007-present)

Assistant Professor (1993-2000), Associate Professor (with tenure; 2000-2007)

Director, Doctoral Program in Health Services Organization and Policy, 2001-present

The Wharton School, University of Pennsylvania, Philadelphia, Pennsylvania, 1990-1991

Member of interdisciplinary research group on the effect of health care costs on  
U.S. global competitiveness

University of Pennsylvania, Philadelphia, Pennsylvania, 1991

Instructor, The Economics and Financing of Health Care Delivery

University of Pennsylvania, Philadelphia, Pennsylvania, 1989-1991

Research assistant, Professors Paul Taubman, Jere Behrman and Robert Pollak

University of Pennsylvania, Philadelphia, Pennsylvania, 1988-1989  
Teaching assistant for doctoral microeconomics courses

Minnesota Department of Agriculture, St. Paul, Minnesota, 1986-1987  
Staff consultant in the Planning Division

**AWARDS:**

Outstanding abstract (consumer decision-making theme), AcademyHealth Annual Meeting, 2007

Outstanding abstract (long-term care theme), Academy for Health Services Research and Health Policy Annual Meeting, 2001

Thompson Prize for Young Investigators, Association of University Programs in Health Administration, 1999

Excellence in Research Award in Health Policy, Blue Cross/Blue Shield of Michigan Foundation, 1998

First Annual Kenneth J. Arrow Award in Health Economics, American Public Health Association/International Health Economics Association, 1993

National Institute on Aging Traineeship, 1992-1993

Boettner Institute Dissertation Fellowship, 1992-1993

Agency for Health Care Policy and Research Dissertation Grant, 1991-1992

University Fellow, University of Pennsylvania, 1987-1988

Summa cum laude, Carleton College, 1987

Phi Beta Kappa, Carleton College, 1987

A.M. Harrison Prize in Economics, Carleton College, 1987

**PEER-REVIEWED ARTICLES:**

Hirth, R.A., Greer, S.L., Albert, J.M., Young, E.W., Piette, J.D., "Out-of-Pocket Costs and Medication Adherence in an International Sample of Patients with Kidney Failure," Health Affairs 27(1), January/February 2008, 89-102.

- Hirth, R.A., Grazier, K.L., Chernew, M.E., Okeke, E.N., "Insurer Competitive Strategy and Enrollment in Newly Offered Preferred Provider Organizations (PPOs)," Inquiry 44(4), Winter 2007/2008, 400-411.
- Turenne, M.N., Hirth, R.A., Pan, Q., Wolfe, R.A., Messana, J.M., Wheeler, J.R.C., "Using Knowledge of Multiple Levels of Variation in Care to Target Performance Incentives to Providers," Medical Care 46(2), February 2008, 120-126.
- Richard A. Hirth, PhD, Marc N. Turenne, PhD, John R.C. Wheeler, PhD, Alyssa S. Pozniak, PhD, Philip Tedeschi, PhD, Chien-Chia Chuang, MS, Qing Pan, MS, Kathryn Slish, MA, Joseph M. Messana, MD, "Case-Mix Adjustment for an Expanded Renal Prospective Payment System," Journal of the American Society of Nephrology 18(9), September 2007, 2525-2533.
- Hirth, R.A. "The Organization and Financing of Kidney Dialysis and Transplant Care in the United States of America," International Journal of Health Care Finance and Economics 7(4) December 2007, 301-318.
- Williams, R.A., Hagerty, B.M., Andrei, A-C., Yousha, S.M., Hirth, R.A., & Hoyle, K.S. "STARS: Strategies to assist Navy recruit success," Military Medicine 172(9), September 2007, 942-949.
- Wodchis, W.P., Hirth, R.A., Fries, B.E., "Effect of Medicaid Payment on Rehabilitation Care for Nursing Home Residents," Health Care Financing Review 28(3), Spring 2007, 117-129.
- Hirth, R.A., Baughman, R., Chernew, M.E., Shelton, E.C., "Worker Preferences, Sorting and Aggregate Patterns of Health Insurance Coverage," International Journal of Health Care Finance and Economics 6(4), December 2006, 259-277.
- J.R.C. Wheeler, J.M. Messana, M.N. Turenne, R.A. Hirth, A.S. Pozniak, Q. Pan, C.C. Chuang, K. Slish, P. Tedeschi, E.C. Roys, R.A. Wolfe, "Understanding the Basic Case-Mix Adjustment for the Composite Rate," American Journal of Kidney Disease 47(4), April 2006, 666-671.
- Cawley, J., D.C. Grabowski, R.A. Hirth, "Factor Substitution in Nursing Homes," Journal of Health Economics 25(2), March 2006, 234-247.
- Nahra, T.A., K.L. Reiter, R.A. Hirth, J.E. Shermer, J.R.C. Wheeler, "Cost-Effectiveness of Hospital Pay-For-Performance Incentives," Medical Care Research and Review 63(1), February 2006, 49S-72S.

- Hirth, R.A., E.C. Roys, J.R.C. Wheeler, J.M. Messana, M.N. Turenne, R. Saran, A.S. Pozniak, R.A. Wolfe, "Economic Impact of Case-Mix Adjusting the Dialysis Composite Rate," Journal of the American Society of Nephrology 16(5), May 2005, 1172-1176.
- Wodchis W.P., B.E. Fries, R.A. Hirth, "The Effect of Medicare's Prospective Payment System for Skilled Nursing Facilities on Resident Discharge Outcomes," Inquiry 41(4), Winter 2004/2005, 418-434.
- Chernew, M.E., R.A. Hirth, "Modeling the Causes and Consequences of Lack of Health Insurance Coverage: Gaps in the Literature," in Health Policy on the Uninsured: Setting the Research Agenda, C.G. McLaughlin, ed., Urban Institute Press, 2004.
- Currier C.A., Smith D.G., Wheeler J.R., Hirth R.A., Walker D.S., "The effects preferred provider organizations on costs and utilization of hysterectomy," Nursing Economics 22(1), January-February 2004, 14-20.
- Hirth, R.A., J.C. Banaszak-Holl, B.E. Fries, M.N. Turenne, "Does Quality Influence Consumer Choice of Nursing Homes? Evidence from Nursing Home to Nursing Home Transfers," Inquiry 40(4), Winter 2003/2004, 343-361.
- Weissert W.G., Hirth R.A., Chernew M.E., Diwan S., Kim J. "Case management: effects of improved risk and value information," The Gerontologist 43(6), December 2003, 797-805.
- Hirth, R.A., M.E., Chernew, M.N. Turenne, M.V. Pauly, S.M. Orzol, P.J. Held, "Chronic Illness, Treatment Choice and Workforce Participation," International Journal of Health Care Finance and Economics 3(3), September 2003, 167-181.
- Hirth, R.A., R.A. Wolfe, J.R.C. Wheeler, E.C. Roys, P.J. Tedeschi, A.S. Pozniak, G.T. Wright, "Is case-mix adjustment necessary for an expanded dialysis bundle?," Health Care Financing Review 24(4), Summer 2003, 77-88.
- Ubel, P.A., R.A. Hirth, M.E. Chernew, A.M. Fendrick, "What is the price of life and why doesn't it increase at the rate of inflation," Archives of Internal Medicine 163, July 28, 2003, 1637-41.
- Chernew, M.E., R.A. Hirth, D.M. Cutler. "Increased spending on health care: how much can the United States afford?," Health Affairs 22(4), July-August 2003, 15-25.
- Weissert, W., Chernew, M., Hirth, R., "Titrating vs. Targeting Home Care Services to Frail Elderly Clients: An Application of Agency Theory and Cost-Benefit Analysis to Home Care Policy," Journal of Aging and Health 15, February 2003, 99-123.

- Grabowski, D.C., R.A. Hirth, "Competitive Spillovers across Nonprofit and For-Profit Nursing Homes," Journal of Health Economics 22, January 2003, 1-22.
- Stogis, S., R.A. Hirth, R.L. Strawderman, J. Banaszak-Holl, D.G. Smith, "Using a Standardized Donation Ratio to Assess the Performance of Organ Procurement Organizations," Health Services Research 37, October 2002, 1329-1344.
- Hirth, R.A., P.J. Tedeschi, J.R.C. Wheeler, "The Extent and Sources of Geographic Variation in Medicare End-Stage Renal Disease Expenditures," American Journal of Kidney Diseases 38, October 2001, 824-831.
- Moran, J.R., M.E. Chernew, R.A. Hirth, "Preference Diversity and the Breadth of Employee Health Insurance Options," Health Services Research 36, October 2001, 911-934.
- Chernew M., W. Weissert, R. Hirth, "Heterogeneity of Risk in a Managed Home Health Care Population," Medical Care 39, September 2001, 1002-1013.
- Weissert, W., M. Chernew, R. Hirth, "Beyond Managed Long-Term Care: Paying for Home Care Based on Risk of Adverse Outcomes," Health Affairs 20, May/June 2001, 172-180.
- R.A. Hirth, M.E. Chernew, and S.M. Orzol, "Ownership, Competition, and Adoption of New Technologies and Cost-Saving Practices in a Fixed Price Environment," Inquiry 37, Fall 2000, 282-294.
- M.E. Chernew, W.E. Encinosa, R.A. Hirth, "Optimal Health Insurance: The Case of Observable, Severe Illness," Journal of Health Economics 19, September 2000, 585-609.
- Hirth, R.A., Chernew, M.E., Miller, E., Fendrick, M.A., Weissert, W.G., "Willingness to Pay for a QALY: In Search of a Standard," Medical Decision Making 20, July-September 2000, 332-342.
- Tierney, W.M., Fendrick, M.A., Hirth, R.A., Scheiman, J.M., "The Clinical and Economic Impact of Alternative Staging Strategies for Adenocarcinoma of the Pancreas," American Journal of Gastroenterology 95, July 2000, 1708-1713.
- R.A. Hirth, J.C. Banaszak-Holl, and J.F. McCarthy, "Nursing Home to Nursing Home Transfers: Prevalence, Time Pattern and Resident Correlates," Medical Care 38, June 2000, 660-669.

- R.A. Hirth, B.S. Bloom, M.E. Chernew, and A.M. Fendrick, "Patient, Physician, and Payer Perceptions and Misperceptions of Willingness to Pay for Diagnostic Certainty," International Journal of Technology Assessment in Health Care 16, January 2000, 35-49.
- D. Vincent, T. Mackey, J. Pohl, R. Hirth, and D. Oakley, "A Tale of Two Nursing Centers: A Cautionary Study of Profitability," Nursing Economics 17, September-October 1999, 257-262.
- R.A. Hirth and M.E. Chernew, "The Physician Labor Market in a Managed Care-Dominated Environment," Economic Inquiry 37, April 1999, 282-294.
- R.A. Hirth, "Consumer Information and Competition between Nonprofit and For-Profit Nursing Homes," Journal of Health Economics 18, April 1999, 219-240.
- R.A. Hirth, B.S. Bloom, M.E. Chernew, and A.M. Fendrick, "Willingness to Pay for Diagnostic Certainty: Comparing Patients, Physicians, and Managed Care Executives," Journal of General Internal Medicine 14, 1999, 193-195.
- R.A. Hirth, P.J. Held, S.M. Orzol, and A. Dor, "Practice Patterns, Case Mix, Medicare Payment Policy and Dialysis Facility Costs," Health Services Research 33, February 1999, 1567-1592.
- A.M. Fendrick, M.E. Chernew, R.A. Hirth, B.S. Bloom, R.R. Bandekar, J.M. Scheiman, "Clinical and Economic Effects of Population-based *H. pylori* Screening to Prevent Gastric Cancer," Archives of Internal Medicine 159, January 25, 1999, 142-148.
- M.E. Chernew, R.A. Hirth, S.S. Sonnad, R. Ermann, and A.M. Fendrick, "Managed Care, Medical Technology, and Health Care Cost Growth: A Review of the Evidence," Medical Care Research and Review 55, September 1998, 259-288.
- R.A. Hirth, "Competition Between For Profit and Non-Profit Health Care Providers: Can it Help Achieve Social Goals?," Medical Care Research and Review 54, December 1997, 414-438.
- A.M. Fendrick, J.T. McCort, M.E. Chernew, R.A. Hirth, C. Patel, and B.S. Bloom, "Immediate Eradication of Helicobacter Pylori in Patients with Previously Documented Peptic Ulcer Disease: Clinical and Economic Effects," American Journal of Gastroenterology 92, November 1997, 2017-2024.
- R.A. Hirth and P.J. Held, "Some of the Small Print on Managed Care Proposals for End-Stage Renal Disease," Advances in Renal Replacement Therapy 4, October 1997, 314-324.

- J.D. Woods, M.N. Turenne, R.L. Strawderman, E.W. Young, R.A. Hirth, F.K. Port, and P.J. Held, "Vascular Access Survival Among Incident Hemodialysis Patients in the United States," American Journal of Kidney Diseases 30, July 1997, 50-57.
- M.E. Chernew, A.M. Fendrick, and R.A. Hirth, "Managed Care, Medical Technology, and Health Care Cost Growth," Health Affairs 16, March/April 1997, 196-206.
- R.A. Hirth, A.M. Fendrick, and M.E. Chernew, "Specialist and Generalist Physicians' Adoption of Antibiotic Therapy to Eradicate *Helicobacter Pylori* Infection," Medical Care 34, December 1996, 1199-1204.
- R.A. Hirth, M.N. Turenne, J.D. Woods, E.W. Young, F.K. Port, M.V. Pauly, and P.J. Held, "Predictors of Type of Vascular Access in Hemodialysis Patients," Journal of the American Medical Association 276, October 23/30, 1996, 1303-1308.
- A.M. Fendrick, R.A. Hirth, and M.E. Chernew, "Differences between Generalist and Specialist Physicians Regarding *Helicobacter Pylori* and Peptic Ulcer Disease," American Journal of Gastroenterology 91, August 1996, 1544-1548.
- A.D. Olson, A.M. Fendrick, D. Deutsch, M.E. Chernew, R.A. Hirth, C. Patel, and B.S. Bloom, "Evaluation of Initial Noninvasive Therapy in Pediatric Patients Presenting with Suspected Peptic Ulcer Disease," Gastrointestinal Endoscopy 44, November 1996, 554-561.
- R.L. Strawderman, G. Levine, R.A. Hirth, F.K. Port, and P.J. Held, "Using USRDS Generated Hospitalization Tables to Compare Local ESRD Hospitalization Rates to National Rates," Kidney International 50, August 1996, 571-578.
- A.M. Fendrick, M. Chernew, R. Hirth, and D. Menon, "Understanding the Behavioral Response to Medical Innovation," American Journal of Managed Care 2, July/August 1996, 793-799.
- A.M. Fendrick, M.E. Chernew, R.A. Hirth and B.S. Bloom, "Immediate Endoscopy or Initial *Helicobacter Pylori* Serological Testing for Suspected Peptic Ulcer Disease: Estimating Cost-Effectiveness Using Decision Analysis," Yale Journal of Biology and Medicine 69, March-April 1996, 187-195.
- A.M. Fendrick, M.E. Chernew, R.A. Hirth, and B.S. Bloom, "Alternative Management Strategies for Patients with Suspected Peptic Ulcer Disease," Annals of Internal Medicine 123, August 15, 1995, 260-268.
- M.V. Pauly, H. Kunreuther, and R. Hirth, "Guaranteed Renewability in Insurance," Journal of Risk and Uncertainty 10, March 1995, 143-156.

R.A. Hirth, "Workplace Drug Abuse Policy: A Comment," Journal of Health Economics 13, October 1994, 373-378.

T.M. Fullerton, R.A. Hirth, and M.B. Smith, "Inflationary Dynamics and the Angell-Johnson Proposals," Atlantic Economic Journal 19, March 1991, 1-21.

***OTHER PUBLICATIONS:***

Hirth, R.A., M.E. Chernew, W.G. Weissert, "Commentary on Prospective Budgeting for Home Care: Making Titration Work," Journal of Aging and Health 17, August 2005, 431-432.

Hirth, R.A., Book Review of The Theory of Demand for Health Insurance, by John A. Nyman, Journal of Economic Literature 42, March 2004, 18-19.

Hirth, R.A., "Commentary on Searching for and Selecting a Nursing Home", Medical Care Research and Review 60, June 2003, 248-252.

Held, P.J., Port, F.K., Webb, R.L., Wolfe, R.A., Bloembergen, W.E., Turenne, M.N., Hirth, R.A., Young, E.W., Ojo, A.O., Strawderman, R.L., Woods, J.D., Tedeschi, P.J., Carroll, C.E., Hulbert-Shearon, T., Zhang, Q. Levine, G.N., Hatcher, D., Jones, C.A., Greer, J.W., and L.Y.C. Agodoa, "Introduction: USRDS Annual Data Report," Supplement to American Journal of Kidney Diseases, 28(3)Suppl2: S1-3, September 1996.

Hirth, R.A. "Vascular Access in Patients Receiving Hemodialysis - Reply," Journal of The American Medical Association, 277(6):456, February 12, 1997.

"The Cost Effectiveness of Alternative Types of Vascular Access and the Economic Cost of ESRD," chapter X in U.S. Renal Data System, USRDS Annual Data Report, The National Institutes of Health, National Institute of Diabetes and Digestive and Kidney Diseases, Bethesda, MD, April 1995.

T.M. Fullerton, R.A. Hirth, and M.B. Smith, "Can Commodity Prices Help Model the CPI?," U.S. Economic Outlook, 1990-1992 (Bala Cynwyd, PA: Wharton Econometric Forecasting Associates, August 1990).  
Reprinted in U.S. Economic Review: Perspective and Prospects, 1990-1992 (Bala Cynwyd, PA: Wharton Econometric Forecasting Associates, August 1990).

***PRESENTATIONS:***

Richard A. Hirth, Kyle Grazier, Michael E. Chernew, Edward N. Okeke, "Insurer Competitive Strategy and Enrollment in Newly Offered Preferred Provider Organizations (PPOs), Department of Economics, University of Illinois-Chicago, April 2007.

Richard A. Hirth, Kyle Grazier, Michael E. Chernew, Edward N. Okeke, "Insurer Competitive Strategy and Enrollment in Newly Offered Preferred Provider Organizations (PPOs), Department of Health Policy and Management, Johns Hopkins University, March 2007

Richard A. Hirth, Kyle Grazier, Michael E. Chernew, Edward N. Okeke, "Insurer Competitive Strategy and Enrollment in Newly Offered Preferred Provider Organizations (PPOs), Department of Health Policy and Administration, Pennsylvania State University, November 2006.

Richard Hirth, Marc Turenne, John Wheeler, Qing Pan, Joseph Messana, "The Relative Influence of Dialysis Facilities and Nephrologists on Observed Differences in Patient Outcomes and Resource Utilization." American Society of Nephrology Annual Meeting, San Diego, November 2006.

Jack Wheeler, Marc Turenne, Richard Hirth, Alyssa Pozniak, Jeffrey Pearson, "On the Use of Control Variables in the Development of a Case-Mix Adjusted Payment System for Dialysis Services," American Society of Nephrology Annual Meeting, San Diego, November 2006.

Joseph Messana, Marc Turenne, Alyssa Pozniak, Qing Pan, Chien-Chia Chuang, Kathryn Slish, Phil Tedeschi, John Wheeler, Richard Hirth, "Predictors of Hematocrit (Hct) Decline from Target in Medicare Dialysis Patients," American Society of Nephrology Annual Meeting, San Diego, November 2006.

Richard A. Hirth, John Piette, Scott L. Greer, Justin Albert, Eric Young, "Out-of-Pocket Costs and Medication Compliance in an International Sample of Patients with Kidney Failure," AcademyHealth Annual Research Meeting, Seattle, June 2006.

Richard A. Hirth, John Piette, Scott L. Greer, Justin Albert, Eric Young, "Out-of-Pocket Costs and Medication Compliance in an International Sample of Patients with Kidney Failure," American Society of Health Economists Research Meeting, Madison, WI, June 2006.

- R. Hirth, M. Turenne, A. Pozniak, E. Roys, R. Wolfe, J. Wheeler, J. Messana, P. Tedeschi, C. Chuang, Q. Pan, K. Sligh, "The Potential and Limitations of Case-Mix Adjustment for an Expanded Prospective Payment System (PPS) of Renal Dialysis," American Society of Nephrology Annual Meeting, Philadelphia, November 2005.
- M. Turenne, R. Wolfe, Q. Pan, R. Hirth, E. Roys, J. Messana, "Identifying Sources of Payment Variation for a Case-Mix Adjusted, Expanded ESRD Prospective Payment System (PPS)," American Society of Nephrology Annual Meeting, Philadelphia, November 2005.
- Hirth, R., Baughman, R., Chernew, M., Shelton, E., "The Prevalence of Mismatches between Workers' Preferences and Employers' Health Insurance Offers," Economic Research Initiative on the Uninsured Annual Research Conference, Ann Arbor, July 2005.
- Hirth, R., Baughman, R., Chernew, M., Shelton, E., "The Prevalence of Mismatches between Workers' Preferences and Employers' Health Insurance Offers," AcademyHealth Annual Meeting, Boston, June 2005.
- Hirth, R., Baughman, R., Chernew, M., Shelton, E., "The Prevalence of Mismatches between Workers' Preferences and Employers' Health Insurance Offers," Annual George Lamson Lecture, Carleton College, Northfield, MN, May 2005.
- Hirth, R., Wheeler, J., Pozniak, A., Turenne, M., Roys, E., Tedeschi, P., Wolfe, R., "Using Alternative Sources of Comorbidity Data to Develop a Dialysis Case-Mix Adjustment System," American Society of Nephrology Annual Meeting, St. Louis, October 2004.
- Turenne, M., Pozniak, A., Roys, E., Wolfe, R., Wheeler, J., Messana, J., Saran, R., Tedeschi, P., Hirth, R., "Developing a Basic Case-Mix Adjustment for the Composite Rate," American Society of Nephrology Annual Meeting, St. Louis, October 2004.
- Grabowski, D.C., Cawley, J., and Hirth, R.A., "Factor Substitution and Unobserved Factor Quality in Nursing Homes," Fifteenth Annual Health Economics Conference Birmingham, Alabama, April 2004.
- Grabowski, D.C., Cawley, J., and Hirth, R.A., "Factor Substitution and Unobserved Factor Quality in Nursing Homes," Economics Department, Indiana University-Purdue University Indianapolis, February 2004.
- Grabowski, D.C., Cawley, J., and Hirth, R.A., "Factor Substitution and Unobserved Factor Quality in Nursing Homes," ASSA Annual Meeting, San Diego, January 2004.

- Pozniak, A., Hirth, R., Tedeschi, P., Roys, E., Wheeler, J., Wolfe, R.,  
“Dialysis Facility Costs: Importance of Patient and Facility Characteristics,”  
American Society of Nephrology Annual Meeting, San Diego, November 2003.
- Grabowski, D.C., Cawley, J., and Hirth, R.A., “Factor Substitution and Unobserved  
Factor Quality in Nursing Homes,” iHEA Biennial Meeting, San Francisco, June  
2003.
- Hirth, R.A., Wolfe, R.A., Wheeler, J.R.C., Roys, E.C., Tedeschi, P.J., Pozniak, A.S.,  
Wright, G.T., “Is Case-Mix Adjustment Necessary for an Expanded Dialysis  
Bundle?” American Society of Nephrology Annual Meeting, Philadelphia,  
October 2002.
- Grabowski, D.C., Cawley, J., and Hirth, R.A., “An Empirical Study of Factor  
Substitution: A Study of the U.S. Nursing Home Industry 1991-1998.”Southern  
Economic Association Annual Meeting, November 2002
- Grabowski, D.C., Cawley, J., and Hirth, R.A., “An Empirical Study of Factor  
Substitution: A Study of the U.S. Nursing Home Industry 1991-1998.”Academy  
of Policy Analysis and Management Annual Meeting, November 2002
- D.C. Grabowski, R.A. Hirth, “The Effect of Ownership Type on Nursing Home Quality,”  
Leonard Davis Institute of Health Economics Seminar Series, University of  
Pennsylvania, Philadelphia, January 2002.
- D.C. Grabowski, R.A. Hirth, “The Effect of Ownership Type on Nursing Home Quality,”  
American Economic Association Annual Meeting, January, 2002.
- R.A. Hirth, M.E. Chernew, “The price of health insurance: Theoretical reflections and  
empirical implications,” International Health Economics Association 3<sup>rd</sup>  
International Conference, York, England, July 2001.
- M.E. Chernew, R.A. Hirth, “Modeling Health Insurance Coverage in a General  
Equilibrium Context,” Research Initiative on Health Insurance Coverage Agenda  
Setting Conference, University of Michigan, July 2001.
- R.A. Hirth, J. Banaszak-Holl, M.N. Turenne, B.E. Fries, “Nursing home to nursing home  
transfers: Provider choice in a vulnerable population,” International Health  
Economics Association 3<sup>rd</sup> International Conference, York, England, July 2001.
- R.A. Hirth, J. Banaszak-Holl, M.N. Turenne, B.E. Fries, “Nursing home to nursing home  
transfers: Does quality matter,” Academy for Health Services Research and  
Health Policy Annual Meeting, Atlanta, June 2001.

- R.A. Hirth, J. Banaszak-Holl, M.N. Turenne, B.E. Fries, "Nursing home to nursing home transfers: Does quality matter," Health Services Research Seminar Series, University of Alabama-Birmingham, March 2001.
- Moran, J., Chernew, M., Hirth, R., "Preference Diversity and the Breadth of Employee Health Insurance Options," 11<sup>th</sup> Annual Health Economics Conference, Georgetown/RAND, Washington DC, June 2000.
- Moran, J., Chernew, M.E., Hirth, R.A., "Preference Diversity and the Breadth of Employee Health Insurance Options," Association for Health Services Research Annual Meeting, Los Angeles, June 2000.
- Moran, J., Chernew, M., Hirth, R., "Preference Diversity and the Breadth of Employee Health Insurance Options," Economics Department Seminar Series, Oakland University, Rochester, MI, March 2000.
- Weissert, W., Chernew, M.E., Hirth, R.A., "Beyond Managed Long-Term Care: Paying for Home Care Based Upon Risks of Adverse Outcomes," Association for Policy Analysis and Management Annual Meeting, San Francisco, November 1999.
- Hirth, R.A., Tedeschi, P.J., Wheeler, J.R.C., "The Extent and Sources of Geographic Variation in Medicare End-Stage Renal Disease Expenditures," American Society of Nephrology Annual Meeting, Miami Beach, November 1999.
- Hirth, R.A., Banaszak-Holl, J.C., "Nursing Home to Nursing Home Transfers: Prevalence, Time Pattern, and Correlates," Association for Health Services Research Annual Meeting, Chicago, June 1999.
- Hirth, R.A., Chernew, M.E., Miller, E., Fendrick, A.M., Weissert, W.G., "Willingness to Pay for a QALY: In Search of a Standard," International Society of Technology Assessment in Health Care Annual Meeting, Edinburgh, Scotland, June 1999.
- Chernew, M.E., Encinosa, W.E., Hirth, R.A., "Optimal Health Insurance: The Case of Multiple Treatment Options and Severe Disease," International Health Economics Association Meeting, Rotterdam, Netherlands, June 1999.
- Moran, J., Chernew, M., Hirth, R., "Preference Diversity and the Breadth of Employee Health Insurance Options," International Health Economics Association Meeting, Rotterdam, Netherlands, June 1999.
- Hirth, R.A., Chernew, M.E., Miller, E., Fendrick, A.M., Weissert, W.G., "Willingness to Pay for a QALY: In Search of a Standard," Society for Medical Decision Making Annual Meeting, Cambridge, MA, October 1998.

- Hirth, R.A., Wheeler, J.R.C., Strawderman, R.L., Orzol, S.M., Young, E.W., Bloembergen, W.E., and Held, P.J., "Predictors of Hospitalization of ESRD Patients," American Society of Nephrology Annual Meeting, Philadelphia, PA, October 1998.
- Chernew, M.E., Encinosa, W., and Hirth, R.A., "Optimal Health Insurance: The Case of Observable, Severe Illness," 9<sup>th</sup> Annual Health Economics Conference, Cornell University, Ithaca, NY, June 1998.
- Hirth, R.A., Orzol S., Pauly, M.V., Pugh J., and Held P.H., "Predictors of Employment of ESRD Patients," American Society of Nephrology Annual Meeting, San Antonio, TX, November 1997.
- Hirth, R.A. and Chernew, M.E. "The Adoption of New Technologies and Cost-Saving Practices in a Fixed Price Environment," Association for Health Services Research Annual Meeting, Chicago, June 1997
- Hirth, R.A., Marquez, J.T., Bloom, B.S., Chernew, M.E., and Fendrick, A.M. "Do Patients, Physicians, and Managers Differ in Their Willingness to Pay for Diagnostic Certainty?," International Society for Technology Assessment in Health Care Annual Meeting, Barcelona, Spain, May 1997.
- Chernew, M., Fendrick, A.M., Hirth, R., Gable A., and Bloom B. "The Cost-Effectiveness of Sequential Treatment Strategies within Episodes of Care," International Society for Technology Assessment in Health Care Annual Meeting, Barcelona, Spain, May 1997.
- Fendrick, A.M., Chernew, M.E., Hirth, R.A., and Scheiman J.M. "Clinical and Economic Effects of *H. Pylori* Screening to Prevent Gastric Cancer," International Society for Technology Assessment in Health Care Annual Meeting, Barcelona, Spain, May 1997.
- Hirth, R.A., Chernew, M.E., Carroll, C. and Armstrong, S. "Medicare Reimbursement and the Utilization of EPO in 1989 and 1993," American Society of Nephrology Annual Meeting, New Orleans, LA, November 1996.
- Hirth, R.A., Chernew, M.E., Carroll, C. and Armstrong, S. "Dialysis Technologies and Practices in a Fixed Reimbursement Environment," American Society of Nephrology Annual Meeting, New Orleans, LA, November 1996.
- Orzol, S.M., Carroll, C., Hirth, R.A., Pereira, B.J.G., Port, F.K., and Held, P.J. "Differences in the Cost of Hemodialysis by Dialyzer Membrane," American Society of Nephrology Annual Meeting, New Orleans, LA, November 1996.

- Hirth, R.A., Hatcher, D., Greer, J.W., Port, F.K., and Held, P.J. "Hemodialysis Practices, Case Mix, and In-Center Dialysis Costs," American Society of Nephrology Annual Meeting, New Orleans, LA, November 1996.
- Fendrick, A.M., Chernew, M.E., Hirth, R.A., and D. Menton, "Understanding the Behavioral Response to Medical Innovation," International Society for Technology Assessment in Health Care Annual Meeting, San Francisco, CA, June 1996.
- R.A. Hirth, M.N. Turenne, J.D. Woods, E.W. Young, J.W. Greer, M.V. Pauly, and P.J. Held, "Hemodialysis Vascular Access Practice Patterns," American Society of Nephrology Annual Meetings, San Diego, November 1995.
- M.N. Turenne, R.L. Strawderman, J.D. Woods, R.A. Hirth, E. Young, J.C. Hornberger, L.Y.C. Agodoa, P.J. Held, "Vascular Access Survival in Hemodialysis Patients," American Society of Nephrology Annual Meetings, San Diego, November 1995.
- R.A. Hirth, A.M. Fendrick, and M.E. Chernew, "Specialist and Generalist Physicians' Adoption of Antibiotic Therapy to Eradicate *Helicobacter Pylori* Infection," International Society for Technology Assessment in Health Care Annual Meetings, Stockholm, Sweden, June 1995.
- A.M. Fendrick, M.E. Chernew, R.A. Hirth, and B.S. Bloom, "To Scope or Not to Scope? A Cost Analysis of Alternative Treatment Strategies in Patients with Dyspepsia in the H.Pylori Era," International Society for Technology Assessment in Health Care Annual Meetings, Stockholm, Sweden, June 1995.
- M.E. Chernew, A.M. Fendrick, and R.A. Hirth, "The Value of Prognostic Information: Knowing for the Sake of Knowing," International Society for Technology Assessment in Health Care Annual Meetings, Stockholm, Sweden, June 1995.
- A.D. Olson, A.M. Fendrick, D. Deutsch, C. Patel, R.A. Hirth, M.E. Chernew, and B.S. Bloom, "Comparison of Endoscopic Evaluation, Treatment Trial with Zantac, and Serological Screening for *Helicobacter pylori* Infection in Pediatric Patients Presenting with Chronic Abdominal Pain," Annual Meetings of the American Gastroenterological Association, May 1995.
- A.M. Fendrick, J.T. McCort, M.E. Chernew, R.A. Hirth, C. Patel, and B.S. Bloom, "Management of Patients with Known Duodenal Ulcer Status but Unknown *Helicobacter pylori* Status," Society of General Internal Medicine Annual Meetings, San Diego, May 1995.

- J. McCort, A.M. Fendrick, M.E. Chernew, R.A. Hirth, C. Patel, and B.S. Bloom, "Management of Patients with Known Duodenal Ulcer Status but Unknown *Helicobacter pylori* Status," Annual Meetings of the American Gastroenterological Association, May 1995.
- R.A. Hirth and M.E. Chernew, "Physician Incomes in a Managed Care-Dominated Environment," American Economic Association/Health Economics Research Organization Annual Meetings, Washington, D.C., January 1995.
- R.A. Hirth, "Consumer Information and Ownership in the Nursing Home Industry," First Annual Workshop in Nonprofit Economics, Indiana University-Purdue University Indianapolis, Indianapolis, December 1994.
- R.A. Hirth and M.E. Chernew, "Physician Incomes in a Managed Care-Dominated Environment," University of Florida Department of Economics, November 1994.
- A.M. Fendrick, M.E. Chernew, R.A. Hirth, and B.S. Bloom, "To Scope or Not to Scope? A Cost Analysis of Alternative Treatment Strategies in Patients with Dyspepsia in the H.Pylori Era," Robert Wood Johnson Foundation National Meetings, Fort Lauderdale, Florida, November 1994.
- A.M. Fendrick, M.E. Chernew, R.A. Hirth, and B.S. Bloom, "To Scope or Not to Scope? A Cost Analysis of Alternative Treatment Strategies in Patients with Dyspepsia in the H. Pylori Era," Association of Managed Care Pharmacists Meetings, Anaheim, California, October 1994.
- R.A. Hirth and M.E. Chernew, "Physician Incomes in a Managed Care-Dominated Environment," Northwestern University Department of Economics, June 1994.
- R.A. Hirth, "Consumer Information and Ownership in the Nursing Home Industry," American Public Health Association Meetings, San Francisco, October 1993.
- M.V. Pauly, H. Kunreuther, and R.A. Hirth, "Optimal Guaranteed Renewability in Insurance," Third Annual Workshop on Health Economics, Baltimore, Johns Hopkins University, May 1992.
- D.J Brailer, R.A. Hirth, E. Kroch, B. Landon, M.V. Pauly, and W. Pierskalla, "The Impact of Health Care Spending on United States Industry," Association for Health Services Research Meetings, San Diego, June 1991.

***OTHER PROFESSIONAL ACTIVITIES:***

*Editorship:*

Medical Care, Deputy Editor, 2005-present

*Editorial boards:*

American Journal of Managed Care, 2004-present

Medical Care Research and Review, 2004-present

*Reviewer:*

*Journals:*

American Economic Review

American Journal of Kidney Diseases

American Journal of Managed Care

Economic Inquiry

Health Affairs

Health Economics Letters

Health Policy

Health Services Research

Inquiry

International Journal of Health Care Finance and Economics

Journal of Clinical Epidemiology

Journal of Economics and Management Strategy

Journal of Health Economics

Journal of Law, Economics, and Organizations

Journal of Policy Analysis and Management

Journal of Political Economy

Journal of Public Economics

Journal of the American Society of Nephrology

Kidney International

Medical Care

Medical Care Research and Review

Milbank Quarterly

Pharmacoeconomics

Social Science and Medicine

RAND Journal of Economics

Southern Economic Journal

Telemedicine Journal

*University Presses:*

MIT Press  
Stanford Press

*Grant reviews:*

*Review Panel/Study Section:*

Robert Wood Johnson Foundation Interdisciplinary Nursing Quality Research Initiative,  
2006-

*Ad hoc reviews:*

American Dietetic Association  
Economic Research Initiative on the Uninsured  
Michigan Health Care Education and Research Foundation  
National Science Foundation Economics Program  
Robert Wood Johnson Foundation Health Care Organization and Financing

*Consultancies and Board/Committee Memberships:*

Member, Scientific Advisory Committee on Organ Procurement Organizations, Health  
Research and Services Administration, 2004-present

Consultant, Cordis (subsidiary of Johnson & Johnson), 2003

Consultant, State of Michigan, Department of Attorney General, Antitrust and Franchise  
Division, Lansing, MI, 1999-2000.

Consultant, Astra-Merck Pharmaceuticals, Chesterbrook, PA, 1996-1997

Member, Health Economics Committee, American Public Health Association, 1994-1997

Consultant, Michigan Department of Public Health Breast and Cervical Cancer Control  
Program (BCCCP), Lansing, Michigan, August 1994-August 1995

Member, Subcommittee on the Managed Care Initiative, Michigan Department of Public  
Health, Children's Special Health Care Services, Lansing, Michigan, June 1994-June  
1996

Consultant, State Health Planning and Development Agency, Washington, District of  
Columbia, March 1992

## ***FUNDING***

Blue Cross Blue Shield of Michigan Foundation, "Retiree Health benefits: The Role of Premiums and PPOs", September 1, 2006-August 31, 2007, Co-Investigator (P.I. Grazier), \$99,986, 14%, under review

Agency for Healthcare Research and Quality, "Health Services Research Training", July 1, 2003-June 30, 2008, Principal Investigator, \$217,220, 10%

Agency for Healthcare Research and Quality, "Health Plan and Tier Switching: A Natural Experiment", June 20, 2005-June 19, 2006, Co-Principal Investigator (P.I. Grazier), \$65,390, 12%

Blue Cross Blue Shield of Michigan Foundation, "Participating Hospital Agreement Incentive Program, September 15, 2002-June 30, 2006, Co-Investigator (P.I. Clark), \$103,824, 4%

Michigan Public Health Institute (CMS Prime), "CMS Prospective Payment System Phases I & II", September 30, 2000-September 30, 2006, Principal Investigator, \$630,789, 17%

University Renal Research and Education Association (CMS Prime), "Implementation Support for the Quality Incentive Payment of the ESRD Disease", October 1, 2004-September 30, 2006, Principal Investigator, \$407,220, 30%

University Renal Research and Education Association, "International Dialysis Outcome and Practice Patterns Study", July 13, 2004-July 31, 2006, Co-Investigator (P.I. Young), \$220,473, 10%

University Renal Research and Education Association, "Scientific Registry of Transplant Recipients", September 28, 2005-September 27, 2008, Co-Investigator (P.I. Merion), \$650,388, 8%

National Institute of Health/ The National Institute of Child Health and Human Development, "Obstetrics and Gynecology Health Services Research Training", July 1, 2006-June 30, 2011, Co-Investigator (P.I. Johnson), \$348,841, 0%

University of Michigan Economic Research Initiative on the Uninsured (RWJ Prime), "The Effect of Geographic Access to Jobs on Job Sorting and Access to Health Insurance", July 1, 2002 – July 31, 2004, Principal Investigator, \$91,389, 25%

Pepper Center, "Hospice Utilization and End-of-Life Costs Among End-Stage Renal Disease Patients", September 1, 2001 – August 31, 2002, Co-Investigator (P.I. Halter), \$66,004, 10%

Agency on Health Care Research/ National Institute of Health, "Timing and Predictors of Nursing Home Transfers", July 1, 1999 – December 31, 2001, Principal Investigator, \$150,260, 25%

VIF, "Cost and Quality of Resident Training by Practice Model", July 1, 1999 - June 30, 2000, Co-Investigator (P.I. Pituch), 10%

National Institute of Health , "The U.S. Renal Data System", July 1, 1993 – November 15, 1999, Co-Investigator (P.I. Held/Port/Wolfe), \$8,983,523, 20%

University of Michigan Internal Medicine, "Consortium for Health-Research Outcomes Innovation and Cost Effectiveness Studies", September 1, 1996 – August 31, 2000, Co-Investigator (P.I. Fendrick), \$600,000, 5%

American College of Gastroenterology, "Clinical and Economic Impact of Alternative Management Strategies for Patients with Gastroesophageal Reflux Disease", June 1, 1996 – June 30, 1998, Co-investigator (P.I. Fendrick), \$242,500, 22%

University of Pennsylvania/Astra Merck, "Understanding the Value of Diagnostic Certainty in Common Clinical Situations", March 1, 1996 – December 31, 1998, Co-investigator (P.I. Fendrick), 11%

Parke-Davis Pharmaceutical Co., "Pharmacoeconomic Fellowship", July 1, 1996 – June 30, 1999, Co-investigator (P.I. Fendrick), \$349,323, 5%

Health Care Financing Administration, "Development of a Standard Donor Ratio: A Tool for Evaluating and Improving the Effectiveness of the Organ Procurement Organizations in the U.S", August 1, 1997 – July 31, 1998, Co-Investigator (P.I. Stogis) \$21,600, 0%

Robert Wood Johnson Foundation, "Home Care Risk Groups: A Strategy for Improved Effectiveness and Efficiency", March 1, 1997 – August 31, 1998, Co-investigator (P. I. Weissert), \$272,087, 10%

West Virginia University, "Comprehensive Evaluation of WV Telemedicine System", July 1, 1995 – March 14, 1997, Co-investigator (P.I. Bashshur), \$152,700, 9%

University of Pennsylvania/Astra Merck, "Cost Analysis of Alternative Treatment Strategies in Patients with Dyspepsia in the H. Pylori Area", July 1, 1994 – June 30, 1995, Co-investigator (P.I. Fendrick), \$53,125, 11%

Health Care Financing Administration, "The Effects of Telemedicine on Accessibility, Quality and Cost of Health Care", July 15, 1994 – June 14, 1997, Co-investigator (P.I. Bashshur), \$513,106, 9%

**REFERENCES:** Available upon request