

*CURRICULUM VITAE*  
**STEPHEN T. PARENTE**

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**EDUCATION**

- 1995                    **Johns Hopkins University, Baltimore MD**  
Ph.D., Health Care Finance and Organization
- 1989                    **University of Rochester School of Medicine and Dentistry, Rochester, NY**  
Master of Public Health
- University of Rochester, Rochester, NY**
- 1988                    M.S., Public Policy Analysis
- 1987                    B.A., Health & Society

**PROFESSIONAL EXPERIENCE**

- 1999 - Present            **Carlson School of Management, Department of Finance, University of Minnesota, Minneapolis, MN**
- Minnesota Insurance Industry Chair of Health Finance.** Generate peer-reviewed applied economics and health services research. Teach undergraduate and graduate courses in information technology, health economics, and technology evaluation. Joint appointments are also held School of Public Health and Academic Health Center. Promotion to Associate Professor with tenure in May, 2006 and to Full Professor with tenure in May, 2010. Minnesota Insurance Industry Endowed Chair funded by Thrivent Financial and Securian Financial Group awarded in June 2010.
- 2019 – Present            **Council of Economic Advisers, The White House, Washington, DC**
- Chief Economist for Healthcare and Senior Economist.** Responded to a set of long term and quick turnaround requests for economic analysis from the President of the United Staff and their senior staff. Was responsible for the health sector chapter in 2020 Economic Report to the President as well as microsimulation analysis of health policy changes affecting federal fiscal and health policy. Worked closely with leadership and Special

Assistants to President for the National Economic Council and Domestic Policy Council.

2020 - Present

**Carlson School of Management, University of Minnesota, Minneapolis, MN**

**Associate Dean of Carlson Global Institute.** Manage a ~\$12 million portfolio of international executive MBA, DBA and short-term global courses for all Carlson School of Management required for ~3,500 undergraduate and graduate students through the direction of ~20 professional non-teaching staff. Lead the strategic initiatives designed to build the quality and national reputation of the Carlson School's global programs as well as developed new professional offerings featuring industry vertical specializations and technologically advanced, pedagogically rigorous learning platforms.

2019

**U.S. Department of Health and Human Services, Washington, DC**

**Senior Adviser to the Secretary for Health Economics.** Develop and advise on strategic and tactical efforts to enhance overall US health policy and its relationship to the 1+ trillion HHS annual budget during this period with an emphasis on health IT, insurance design and regulation as well medical care cost and productivity. Duties include advising on White House Executive Orders and initiatives affecting the health economy including an explicit focus on health market choice and competition in coordination with the President's National Economic Council and Council of Economic Advisers.

2014 - 2017

**Carlson School of Management, University of Minnesota, Minneapolis, MN**

**Associate Dean of MBA and MS Programs.** Managed a ~\$50 million portfolio of MBA and professional Master's programs with over 2,000 students and 40 professional non-teaching staff. Led the strategic initiatives designed to build the quality and national reputation of the Carlson School's professional degree programs as well as developed new professional offerings featuring industry vertical specializations and technologically advanced, pedagogically rigorous learning platforms.

2006 – 2017

**Medical Industry Leadership Institute, Carlson School of Management, University of Minnesota, Minneapolis, MN**

**Director.** Provided health industry content expertise and take the lead role in the development of a new business school-based initiative to produce an innovative blend of research, graduate level curriculum and experiential learning to benefit the University of Minnesota and

collaborating institutional partners. The Institute creates, facilitates and disseminates unique knowledge and innovations to benefit the entire health care supply chain involving medical care, technology development and financing students, academia and industry leaders. Previously Deputy Director from March 2005 to May 2006.

1998 - Present

**Health Systems Innovation Network LLC**

**Managing Principal.** Manage private consulting projects for government agencies insurers, private universities, medical providers, and non-profit foundations. Many projects involve the analysis and generation of large databases as well as distributed network computing to generate complex econometric analyses to answer mission critical questions for clients. For more information see <http://www.hsinetwork.com>.

1996 - 2019

**Department of Health Policy and Management, Johns Hopkins University, Baltimore, MD**

**Adjunct Professor.** Develop and teach graduate level courses in health care finance and economics for Summer Institute programs. Collaborate with faculty from the School of Hygiene and Public Health and the School of Medicine to complete outcomes research and evaluate domestic and international provider payment methodologies.

1994 - 1999

**National Organization of Research at the University of Chicago (NORC), Office for Health Policy Studies (formerly the Project HOPE Center for Health Affairs), Bethesda, MD**

**Senior Research Director.** Led teams of high-level research and policy analysts to complete a series of ongoing projects in the areas of health economics and finance, medical information systems and technology assessment. Principal contracting agencies included private and public health insurers, congressional research committees, state agencies, research foundations, information system developers and medical technology firms.

1990 - 1994

**Health Services Research and Development Center, Johns Hopkins University, Baltimore, MD**

**Project Coordinator.** Supervised the development and implementation of the primary analytic files for CMS's Project to Develop & Evaluate Methods for Promoting Ambulatory Care (DEMPAQ). The objective of the Dempaq study was to expand the scope of Medicare program performance review of office-based physicians. Served as consultant to international missions focussed on provider payment and health system reform.

1988 - 1990

**Blue Cross Blue Shield of the Rochester Area, Rochester, NY**

**Senior Analyst.** Developed strategies to assess the cost impact and efficacy of new and existing medical technologies. Duties included: chairing a corporate medical policy committee, facilitating six clinical subcommittees comprised of local specialists, developing a corporate medical technology assessment program, generating clinical protocols for new technologies, coordinating a team of analyst/programmers and designing physician profiling software using administrative data.

1987 - 1990

**Health Futures for Rochester, Rochester, NY**

**Consultant.** Modeled economic and political strategies to provide cost-effective health services within the Rochester metropolitan area including the development of regional health accounts. Performed a series of practice variation studies using the hospital discharge databases.

**PROFESSIONAL AFFILIATIONS****Leadership**

Associate Dean, Carlson Global Institute, Carlson School of Management, 2020-present.  
Director, Medical Industry MBA, University of Minnesota, 2019-present.  
Associate Dean, MBA Programs & MS, Carlson School of Management, 2014-2017.  
Director, Medical Industry Leadership Institute, University of Minnesota, 2006-2017.  
Director, Medical Valuation Laboratory, University of Minnesota, 2008-2017.  
Governing Chair, Health Care Cost Institute, 2013-2017, Treasurer/Secretary 2011-2013.  
Local Conference Organizer, 2012 American Society for Health Economics, 2008-2012.  
Sponsorship Chair, Health Information Management Systems Society, Minnesota, 2002-2006.  
Vice Chair, Academy Health, 2018-19, Board Member, 2014-2019  
Board Member, Emeriti, 2013-2017

**Invited Service**

Senior Economist, Council of Economic Advisers, The White House, 2019-present.  
Senior Adviser to the Secretary for Health Economics, US Department of Health and Human, 2019.  
Assistant Secretary, Planning and Evaluation, US Department of Health and Human Services, Nominated April 2017 to January 2019.  
Congressional Budget Office Board of Health Advisers, 2016 to 2017  
Academic Chair for Health Policy, Center for Health and Economy, 2010-2017  
Member, Insurance and Healthcare Advisers Group, Romney / Ryan 2012, 2012  
Member, Institute of Medicine special panel on the future of Medicare's IT Systems, 2011

Member, State of Minnesota Health Reform Commission, 2010  
Adjunct Scholar, American Enterprise Institute, 2009-2019  
Executive Committee, Academy Health, 2009-2010  
Senior Health Advisor, McCain 2008, 2007-2008  
Research Meeting Session Chair, Health Care Markets (2010) Academy Health  
Research Meeting Session Chair, Chronic Illness (2009) Health IT (2004), Academy Health  
Member, Article of Year Selection Committee, Academy Health, 2007-2009  
Member, Graduate Benefits Advisory Committee, University of MN, 2006-Present  
Member, Minnesota eHealth Initiative, State of MN, 2005-2007  
Member, State of Minnesota Health Policy Task Force, 2007, 2010

**Invited Government Testimony**

U.S. House of Representative, Homeland Security, Cybersecurity Subcommittee, Sept, 2013  
U.S. House of Representative, Energy & Commerce, Health Subcommittee, May, 2011  
U.S. House of Representative, Energy & Commerce, Health Subcommittee, June, 2009  
U.S. House of Representative, Energy & Commerce, Health Subcommittee, September, 2008  
Minnesota State House, Health Insurance Exchanges, February, 2011  
Minnesota State Senate, Consumer Driven Health Care, September, 2007  
Minnesota State Senate, Consumer Driven Health Plans, February, 2004  
Minnesota State Senate, Health Data Privacy, February, 2003  
Federal Trade Commission, eHealth Business Models, October, 2002

**Membership**

Academy Health  
American Economic Association  
American Society of Health Economics  
Health Economics Research Organization  
International Health Economics Association

**Editorial Board**

International Journal of Medical Banking (2008-2010)

**Ad Hoc Reviewer**

Agency for Health Care Research and Quality  
Health Affairs  
Health Economics  
Health Services Research  
International Journal of Health Finance and Economics  
JAMA  
Journal of Health Economics

Journal of Productivity Analysis  
Journal of Risk and Insurance  
Medical Care

**HONORS & AWARDS**

Faculty Outstanding Service Award, Carlson School of Management, University of Minnesota, 2018.

Minnesota Insurance Industry Endowed Chair in Health Finance, Carlson School of Management, University of Minnesota, 2011.

Faculty Media Star Award, Carlson School of Management, University of Minnesota, 2010.

Minnesota Insurance Industry Endowed Professorship in Health Finance, Carlson School of Management, University of Minnesota, 2010.

Special Recognition winner of Pioneer Institute's Better Government Competition for 'A National Market for Individual Health Insurance', 2009.

Faculty Research Award, Carlson School of Management, University of Minnesota, 2006.

Faculty Media Star Award, Carlson School of Management, University of Minnesota, 2005.

The Class of 1981 Faculty Member of the Year Award. University of Minnesota, Masters of Healthcare Administration program, 2005.

Faculty member appointment to Delta Omega honor society, Alpha Chapter (Johns Hopkins University), 2002.

John P. Young Student Prize for best student paper in health finance and economics. Johns Hopkins School of Hygiene and Public Health, 1993.

Doctoral Training Grant in Operations Research and Mental Health, National Institute of Mental Health, 1990-1993.

Student Marshall, School of Medicine and Dentistry, University of Rochester Commencement, 1989.

B.A. with Distinction, College of Arts and Science, University of Rochester Commencement, 1987.

**PEER-REVIEWED PUBLICATIONS**

Parente, S.T., Feldman, R., Sandy, L. Does Transparency Matter? The Impact of Provider Quality and Cost Information on Health Care Cost and Preventive Services Use. *J Health Med Econ*. 2019, Vol.5 No.1:3.

Parente, S.T., Tomai, L., Mayer, B. Medicare Oncology Care Bundle Variation in Cost and Use. *J Health Med Econ*, 2019, Vol.5 No.1:1.

Parente, S.T., Feldman, R. Comparing Diagnostic Coding Intensity for Medicare Advantage and Fee for Service. *Health Management, Policy & Innovation*, May 2019, 4(1).

Parente, S.T. Factors Contributing to Higher Health Care Spending in the United States Compared with Other High-Income Countries. *JAMA*, 2018; 319(10):988-990.

Munnich, E., Parente, S.T. Returns to Specialization: Evidence from the Outpatient Surgery Market. *Journal of Health Economics*, 57, 2018.

Lutfiyya, M.N., Tomai, L., Frogner, B.K., Cerra, F., Zismer, D., Parente, S.T. Does Primary Care Diabetes Management provided to Medicare patients differ between Primary Care Physicians and Nurse Practitioners? *J Adv Nurs*. 2017 Jan;73(1): 240-252.

Parente, S.T., Feldman, R., Spetz, J., Dowd, B. and Eagen, E. "Wage Growth for the Health Care Workforce: Projecting the Affordable Care Act Impact. *Health Services Research*. 2016 May 3. doi: 10.1111/1475-6773.12497.

Newman, D., Barrette, E. Parente, S.T., Kennedy, K. An Examination of Commercially Insured Health Care Service Prices in the U.S. *Health Affairs*, 2016 May 1;35(5):923-7.

Parente, S.T., Oberlin, S., Tomai, L. and Randall, D. The Potential Savings of Using Predictive Analytics to Staunch Medicaid Fraud. *J Health Med Econ*. 2016, 2:2.

Oberlin, S., Parente, S.T., Pruett, T. Improving Medication Adherence among Kidney Transplant Recipients: Findings from other industries, patient engagement and behavioral economics: A Scoping Review. *SAGE Open Medicine*, January-December 2016 vol. 4.

McCullough, J., Parente, S.T., Town, R. "Health Information Technology on Patient Outcomes: The Role of Organizational and Informational Complementarities." *The RAND Journal of Economics* 47(1):207-236 · January 2016,

Frogner, B.K., Frech, H.E., Parente, S.T. “Comparing Efficiency of Health Systems across Industrialized Countries: A Panel Analysis.” *BMC Health Services Research* 15(1):415 · September 2015.

Abujamra, A., Randall, D, Parente, ST, Bershadsky, B. “Predictability and Manageability of Diabetic Complications among Non-Dual Medicare Beneficiaries.” *J Health Med Informatics* 2015, 6:5.

Randall, D, Parente, ST, Abujamra, A. Medicaid Expansion and the use of Account-based Health Plans. *Health Care: Current Reviews* 2015, 3:1.

Frogner, B.K., Spetz, J., Parente, S.T., Oberlin, S. “The Demand for Healthcare Workers Post-ACA.” *International Journal of Health Economics and Management*, 2015; 15(1): 139-151.

Munnich, E., Parente, S.T. “Procedures Take Less Time At Ambulatory Surgery Centers, Keeping Costs Down And Ability To Meet Demand Up.” *Health Affairs*, May, 2014; 33(5):764-9.

Herrera, C., Newman, D., Parente, S.T. “Overcoming Barriers to a Research-Ready National, Commercial Claims Database.” *American Journal of Managed Care*, 2014; (11 Spec No. 17):eSP25-eSP30.

Chen, S., Feldman, R., Parente, S.T. “A Five Year Study of Health Expenditures among Full Replacement CDHPs, Optional CDHPs, and Traditional Managed Care Plans.” *Insurance Markets and Companies: Analyses and Actuarial Computations*, Issue 1, Volume 5, 2014.

Ramlet, M., Randall, D., Parente, S.T. “Insurer Payment Lags to Physician Practices: An Opportunity to Finance Electronic Medical Record Adoption.” *Journal of Health & Medical Informatics* 4: 136, November, 2013.

Spetz, J., Parente, S.T., Town, R.J., Bazarko, D. “Scope-Of-Practice Laws For Nurse Practitioners Limit Cost Savings That Can Be Achieved In Retail Clinics.” *Health Affairs*, November 2013 vol. 32 no. 11 1977-1984.

Herrera, C.N., Gaynor, M., Newman, D., Town, R.J. Parente, S.T. “Growth Of Per Capita Employer-Sponsored Insurance Spending Slowed To Historically Low Levels, 2007–11.” *Health Affairs*, 2013 October; 32(10):1715-22.

Parente, S.T. “Measuring medical productivity to gauge the value of Medicare.” *Minnesota Medicine*. 2013 Apr; 96(4):46-8.

Frech, H.E., Parente, S.T., Frogner, B., Hoff, J. “Comparing the sensitivity of models predicting health status: a critical look at an OECD Report on the efficiency of health systems.”



Forthcoming in *Insurance Markets and Companies: Analyses and Actuarial Computations*, Issue 1, Volume 4, 2013.

Parente, S.T., Feldman, R. “Micro-simulation of Private Health Insurance and Medicaid Take-up Following the U.S. Supreme Court Decision Upholding the Affordable Care Act.” *Health Services Research*. 2013 Apr; 48(2 Pt 2):826-49.

Parente, S.T., Schulte, B., Jost, A., Sullivan, T., Klindworth, A. “Assessment of Predictive Modeling for Identifying Fraud within the Medicare Program.” *Health Management and Policy Innovations*. 1(2), 8-37, 2012.

Gupta, A., Parente, S.T. Sanyal, P. “Future of Health Insurance Procurement: Lessons from the Online HMO Auctions.” *International Journal of Health Care Finance and Economics*, 2012 Dec; 12(4):303-22.

Parente, S.T. “Health economics and policy: towards the undiscovered country of market based reform.” *International of Health Care Finance and Economics*, 2012 Sep; 12(3):247-52.

Randall, D. and Parente, S.T. “U.S. Medicaid managed care markets: explaining state policy choice variation.” *Insurance Markets and Companies: Analyses and Actuarial Computations*, Issue 4, Volume 2, 2011.

Parente, S. “Baby Boomers Reckoning on Medicare.” *MetroDoctors: The Journal of the Twin Cities Medical Society*, 2012, 15(5):17-18.

Chernew, M., Frank, R.G., Parente, S.T. “Slowing Medicare Spending Growth: Reaching for Common Ground.” *American Journal of Managed Care*, 2012, 18(8):465-468.

Kovner, C., Spetz, J., Parente, S.T., “Creating Market-based Health Insurance Reform.” *Nursing Economics*. 2012 Mar-Apr;30(2):104-7.

Parente, S. “Development of a Medical Productivity Index for Health Insurance Beneficiaries.” *Insurance Markets and Companies: Analyses and Actuarial Computations*, Issue 3, Volume 2, 2011.

Parente, S.T. “Britain’s National Institute for Clinical Excellence (NICE): The US Template for Comparative Effectiveness Research, Minnesota Medicine”, *Journal of the Twin City Medical Society: Metro Doctors*, 2012, 15(2): 20-21.

Abraham, J., McCullough, J.S., Parente, S.T., Gaynor, M. “Prevalence of Electronic Health Records in U.S. Hospitals” *Journal of Healthcare Engineering* 2011, 2(2):121-142.

Parente, S.T., Feldman, R., Abraham, J.M., and Xi, Wendy. "Consumer Response to a National Marketplace for Individual Insurance". *Journal of Risk and Insurance*, Volume 78, Issue 2, pages 389–411, June 2011,

Parente, S. "Exploring Ex Ante Regulatory Mechanisms for Detecting Prescription Drug Misuse", NBER, (In *Regulation vs. Litigation*; editor D. Kessler), 2011.

Evans, W., Morrill, M., Parente, S. "Measuring Inappropriate Medical Diagnosis and Treatment in Survey Data: The Case of ADHD among School-Age Children", *Journal of Health Economics*, 4 August 2010.

Howard, P., Parente, S. "Toward Real Health Care Reform", *National Affairs*, 4: Summer 2010.

Parente, S., Feldman, R., Xu, Y. "Impact of Full Replacement with Consumer Driven Health Plans". *Insurance Markets and Companies: Analyses and Actuarial Computations*, Issue 1, Volume 1, 2010 pp.4-14.

Feldman, R., Parente, S. "Enrollee Incentives in Consumer Directed Health Plans: Spend Now or Save for Later?" *Forum for Health Economics and Policy*. Vol. 13 (2010) / Issue 2.

Klindworth, A., Parente, S. "Lessons Learned for Medical Banking from the Financial Services Industry: The Case of a Fraud Prevention Platform as Transformative Innovation." *International Journal of Medical Banking*, Volume 3, 2010.

Dowd, B., O'Connor, H., McGrail, M., Calasanz, M., Gorman, R., Sheasby, B., Parente, S. "The Economic Impact of a Disability Prevention Program." *Journal of Occupational and Environmental Medicine*, 52(10), January 2010.

Parente, S., McCullough, J. "Health Information Technology and Patient Safety: Evidence from Panel Data." *Health Affairs*, March/April, 2009.

Parente, S. "Health Information Technology and Financing's Next Frontier: The Potential of Medical Banking." *Business Economics*, January, 2009.

Parente, S., Phelps, C., O'Connor, P. "Economic Analysis of Medical Practice Variation between 1991 and 2000: Gauging the Impact of Ten Years of Patient Outcomes Research." *International Journal of Technology Assessment in Health Care*, 2008 Jul; 24 (3):282-293.

Parente, S., Feldman, R., Chen, S. "The Effect of a Consumer-Driven Health Plan on Pharmaceutical Cost and Use". *Health Services Research*, May 13, 2008.

Parente, S, Mandelbaum, K, Hanson, SP, Cassidy, BS, Simborg, DW. Can the National Health Infrastructure Network (NHIN) Reduce the Cost of Healthcare Fraud? *Journal of the Healthcare Information Management*, Volume 22, Issue 3, Summer, 2008.

Parente, S. Feldman, R., and J. Christianson, Evolution and Early Evidence of the Impact of Consumer Driven Health Plans: From e-commerce to Health Savings Accounts.

*Pharmacoeconomics and Outcomes Research*, June, 2008.

Parente, S. and Feldman, R. "Do HSA Choices Interact with Retirement Savings Decisions?", *Tax Policy and the Economy*, Vol. 22, 2007.

Parente, S. Christianson, J., Feldman, R. Consumer Directed Health Plans and the Chronically Ill. *Disease Management & Health Outcomes.*, 239-248(10), 2007.

Feldman, R., Parente, S., Christianson, J. "Consumer Directed Health Plans: New Evidence on Cost & Utilization". *Inquiry*. Vol. 44, No. 1, pp. 26–40, 2007.

Parente, S., Van Horn, R.L. "The Value of Hospital Investment in Information Technology in For-Profit and Not-for-Profit Hospitals" *Health Care Financing Review*, Winter 2006/2007.

Adams, T., Finkelstein S., Parente, S.T., Hertz, M. "Cost Analysis of Home Monitoring in Lung Transplant Recipients." *International Journal of Technology Assessment in Health Care*, 23(1), 2007.

Welch, P. Rudolph, B.A., Blewett, L., Parente, S.T., Brach, C., Love, D., Harmon, R.G. "Management Tools for Medicaid and State Children's Health Insurance Program (SCHIP)." *Journal of Ambulatory Care Management*, October-December, 2006, (29): 272-282.

Parente, S.T. "Consumer Directed Health Plans: Evolution and Early Outcomes." *Value-Based Purchasing*, (1):2, May, 2006.

Feldman, R., Parente, S.T., Abraham, J., Christianson, J., Taylor, R. "Health Savings Accounts: Early Estimates of National Take-up from the 2003 Medicare Modernization Act and Future Policy Proposals." *Health Affairs*, November 10, 2005.

Parente, S.T., Evans W., Schoenman, S., Finch, M. "Changes in Health Care Use and Expenditures of Medicare HMO Disenrollees Who Return to Fee-for-Service Medicare: Results from a Natural Experiment." *Health Care Financing Review*, Spring 2005; 26(3):5-30.

Schoenman, J., Parente, S.T., Evans W, Finch, M., Shah, M. "The Impact of Medicare HMO Closures on Beneficiaries." *Health Care Financing Review*, Spring 2005; 26(3):31-43.

Parente, S., Salkever, D., DaVanzo, J. "The Role of Consumer Knowledge on the Demand for Preventive Health Care Among the Elderly." *Health Economics*, January, 2005;14(1):25-38.

Parente, S., Kim, S., Finch, M., Schloff, L., Rector, T., Seifeldin, R., Haddox, J.D. "Using Claims Data to Identify Controlled Substance Patterns of Utilization Requiring Evaluation." *American Journal of Managed Care*, November, 2004; 10(11 Pt 1):783-90.

Parente ST, Feldman R, and Christianson JB. "Employee Choice of Consumer-Driven Health Insurance in a Multiplan, Multiproduct Setting," *Health Services Research* Vol. 39, No. 4, Part II (August 2004), pp. 1091-1111.

Parente ST, Feldman R, and Christianson JB. "Evaluation of the Effect of a Consumer-Driven Health Plan on Medical Care Expenditures and Utilization," *Health Services Research* Vol. 39, No. 4, Part II (August 2004), pp. 1189-1209.

Christianson JB, Parente ST, and Feldman R. "Consumer Experiences in a Consumer-Driven Health Plan" *Health Services Research* Vol. 39, No. 4, Part II (August 2004), pp. 1123-1139.

Blewett, L. Parente, S. Finch, M., Peterson, E. "Nation Health Data Warehouse: Issues to Consider." *Journal of the Healthcare Information Management*. 2004 Winter;18(1):52-8.

Blewett, L. Parente, S., Finch, M., Peterson, E. "The Role of the Private Sector in Monitoring Health Care Quality." *The Joint Commission Journal on Quality Improvement*, August, 2003.

Christianson, J., Parente, S. and Taylor, R. "Defined Contribution Health Insurance Products: Development and Prospects." *Health Affairs*, January 2002.

Parente, S. and Dunbar, J. "Is Information Technology Related to the Financial Performance of U.S. Hospitals? An Exploratory Analysis." *International Journal of Healthcare Technology and Management*. 2, 5/6, 2001.

Parente, S. "Beyond the Hype: A Taxonomy of Business Models for E-Health Commerce." *Health Affairs* 19, 6 (November/December, 2000).

Good, C., Parente, S., Rennie, D. and Fletcher, S. "A Worldwide Assessment of Medical Journal Editor' Practices and Needs." *South African Journal of Medicine*, Summer, 1999.

Parente, S. and Evans, W. "The Impact of Subsidizing Medicare Copayments and Deductibles for Low Income Elderly on Medical Care Use: The Case of Qualified Medicare Beneficiaries," *Health Care Financing Review*, Winter, 1998.

Parente, S. "Estimating the Economic Cost Offsets of Using Dermagraft-TC as an Alternative to Cadaver Allograft in the Treatment of Graftable Burns," *Journal of Burn Care and Rehabilitation* 18, 1 (1997).

Parente, S., Weiner, J., Garnick, D., Fowles, J., Lawthers, A., and Palmer, R. "Profiling Medicare Beneficiary Resource Use by Primary Care Practices: Implications for a Managed Medicare," *Health Care Financing Review* (Summer 1996).

Neumann, P., Parente, S., and Paramore, L. "Potential Savings from Using Information Technology Applications in Health Care in the United States," *International Journal of Technology Assessment in Health Care* 12 (1996).

Parente, S.T., Weiner, J.P., Garnick, D., Richards, T. Fowles, J., Lawthers, A., Chandler, P. and Palmer, R.H. "Developing a Quality Improvement Database Using Health Insurance Data: A Guided Tour With Application to Medicare's National Claims History File," *Journal of American Medical Quality* (November 1995).

Weiner, J., Parente, S., Garnick, D., Fowles, J., Lawthers, A., and Palmer, R. "Variation in Office-Based Quality: A Profile of Care Provided to Medicare Patients with Diabetes," *JAMA* (May 17, 1995).

Garnick, D., Fowles, J., Lawthers, A., Weiner, J., Parente, S., and Palmer, R.H. "Focus on Quality: Profiling Physicians' Practice Patterns," *Journal of Ambulatory Care Management* (July 1994).

Phelps, C.E. and Parente, S.T. "Priority Setting in Medical Technology and Medical Practice Assessment." *Medical Care* (August 1990).

## **BOOKS**

Phelps, C.E. and Parente, S.T. "The Economics of US Health Care Policy." Routledge, 2017.

Smith, L.N. and Parente, S.T. "Medicine's Journey Through Ignorance, Bigotry, Poverty, and Politics To America's Uninsured." LN Smith, 2012.

## **UNPUBLISHED MANUSCRIPTS**

Parente, S.T., Tomai, L., Mayer, B.K. "Medicare Oncology Care Bundle Variation in Cost and Use." Submitted to *Health Affairs*.

Parente, S.T. Feldman, R. Sandy, L. "Does Access to Transparent Provider Quality and Cost Information Affect Health Care Cost and Utilization of Preventive Services?" NBER working paper to be submitted to *International Journal of Health Finance and Economics*.

Parente, S. Fisher, N, Ramlet, M. "Impact of Medicare Advantage Out-of-Pocket Premiums on Seniors' Plan Choice", University of Minnesota working paper, 2012.

Parente, S.T., Feldman, R., and J. Christianson. "The Impact of Health Status and Price on Plan Selection in a Multiple-Choice Health Benefits Program Including HRA and HSA Options." University of Minnesota working paper, 2010.

Misra, S., Van Horn, R.L., Parente, S. "Physician Choice Behavior: Investigating the Impact of Multiple Influences." University of Minnesota working paper, January 2005.

Parente, S., Van Horn, R.L., Wedig, G. "Fee Schedules, Agency and Referrals: The Effects of Price Changes on Physician Labor Supply." University of Minnesota working paper, March 2002.

Parente, S., Dorosh, L., and Mueller, C. "Has Managed Care Arrived in Rural Physician Practices?" NORC working paper, April 1998.

Parente, S., Leon, J., and Dunbar, J. "Understanding the Growth in Medicare Home Health Utilization and Expenditure." NORC working paper, January 1998.

Parente, S. "Is Access to New Medical Technologies Associated with Race in the Medicare Population?" NORC working paper, December, 1996.

Parente, S. The Role of the Physician in Medical Technology Choice. Doctoral Dissertation. Johns Hopkins University, December 1994.

Parente, S. "The Substitution of Ambulatory for Inpatient Procedures." Masters of Public Health Thesis. University of Rochester School of Medicine and Dentistry (1989).

Parente, S. "Which Medical Technologies are Most Expensive to New Yorkers?" Public Policy Masters Thesis, University of Rochester (1988).

Parente, S. "Is the Rochester Health Care Network Falling Apart?" Senior Thesis. University of Rochester (1987).

**TEACHING**Senior Thesis Advisees

Michael Ramlet, BSB, University of Minnesota, Magna Cum Laude, 2009.  
Robert Zuleger, BSB University of Minnesota, Summa Cum Laude, 2011.  
Katherine Holten, BSB University of Minnesota, Summa Cum Laude, 2012.  
Alex Vo, BSB University of Minnesota, Summa Cum Laude, 2013.  
Kelsey Cook, BSB University of Minnesota, Summa Cum Laude, 2014.  
Kristianna Klammer, BA, University of Minnesota, Magna Cum Laude, 2018.

Masters Advisees (with Thesis requirement)

Mi Young Yu, M.S. in Health Informatics, University of Minnesota, 2003.  
John Renwick, M.H.I., University of Minnesota, 2005.  
Linda Fletcher, M.H.I., University of Minnesota, 2007  
Frank Lowe, M.H.I., University of Minnesota, 2008  
Yi Zhang, M.S. in Health Informatics, University of Minnesota, 2013.

Doctoral Advisees

Edward Bunker, MPH. Ph.D. in Health Services Research, Johns Hopkins University.  
Left A.B.D.  
Terry Adams, M.D./Ph.D. in Health Informatics, University of Minnesota, 2003.  
Song Chen, Ph.D. in Health Service Research, University of Minnesota, 2011.  
Daniil Osipov, Ph.D. in Finance, University of Minnesota, 2012.  
James Rosenthal, Ph.D. in Health Informatics, University of Minnesota, 2014.  
Yi Zhang, Ph.D. in Health Informatics, University of Minnesota, 2015 (expected).  
Ramzi Abujamra, Ph.D. in Health Informatics, University of Minnesota, 2015.

Preliminary Oral Presentation

Timothy Juday, Ph.D. student in Health Services Research, Johns Hopkins University,  
graduated in 2000.  
Terrance Adams, Ph.D. student in Health Informatics, U of M, 2002.  
Eric Barrette, Ph.D. in Health Service Research, University of Minnesota, 2011  
Song Chen, Ph.D. in Health Service Research, University of Minnesota, 2011  
Yi Xu, Ph.D. in Health Service Research, University of Minnesota, 2012  
Daniil Osipov, Ph.D. in Finance, University of Minnesota, 2011  
James Rosenthal, Ph.D. in Health Informatics, University of Minnesota, 2014.  
Yi Zhang, Ph.D. in Health Informatics, University of Minnesota, 2014.  
Ramzi Abujamra, Ph.D. in Health Informatics, University of Minnesota, 2014.  
Beth Meyers, Ph.D. in Health Informatics, University of Minnesota, 2019.

Instructor:**Johns Hopkins University**

Health e-commerce Primer (2001-2004, enrollment 10)  
Provider Profiling in Healthcare Delivery Systems (1999-2001, average enrollment: 10)  
Insurance Data Management for Executives (1999-2001, average enrollment: 10)  
Applied Health Economics (1995-1997, average enrollment: 15)  
Health Management Information Systems (1995-1999, average enrollment: 40)  
Microeconomics Applied to Health Care (1998, average enrollment: 15)  
Consumer Directed Health Plans (2004, 2006-2007, 12)

**University of Minnesota**

The Healthcare Marketplace, MILI6990 (2007-2013, 2015-2017, 2020-present, max enroll: 72)  
Medical Industry Enterprise, MILI6995 (2008-2013, max enrollment 25)  
Healthcare Analytics, MILI 6963 (2018-present, max enrollment 31)  
Medical Industry. IMBA 6405 (2017, max enrollment 10)  
Industry MBA Capstone Simulation. IMBA 6501 (2017, max enrollment 10)  
Global Medical Valuation Laboratory, IBUS6997 (2014-2016, max enrollment 25)  
Palo Alto Medical Valuation Laboratory, MILI6997 (2016, 2019, max enrollment 25)  
Information Technology in Healthcare MILI6562 (2000-2012, 2014-present, 71)  
Doing Business in Brazil, IBUS 5172, (2013, max enrollment 20)  
Managerial Economics MBA 6140 (2010, 105)  
Medical Technology Evaluation and Market Research MILI6589 (2004-present, 27)  
The Healthcare Marketplace: Principal and Agents – BA4000H/HSEM3404H (2004-present 24)  
Health Information Technology Analysis Institute (2000-present, 135)  
Healthcare E-Commerce (2000-2005, max enrollment: 31)



**RESEARCH GRANT PARTICIPATION** (ranked by grant/contract end date):

- 04/14 to 06/16 Principal Investigator: Big Data Applications for Interprofessional Education, National Center for Interprofessional Education. Funding level: 15%
- 04/12 to 12/16 Principal Investigator: A Medicare Microsimulation Model, American Action Forum Foundation. Funding level: 35%
- 04/11 to 10/12 Principal Investigator: American Society of Health Economics Biannual Meeting. R18, Agency for Health Care Research and Quality. Funding level: 15%
- 09/08 to 08/10 Principal Investigator: National Impact of Health IT of Quality of Care, R01, Agency for Health Care Research and Quality. Funding level: 25%
- 10/08 to 09/10 Investigator: HIT Impact of Medical Care Productivity. Robert Wood Johnson Foundation. Funding level: 5%
- 09/05 to 12/08 Principal Investigator: Continuation of Research on Consumer Driven Health Plans. Department of Health and Human Services. Funding level: 35%
- 12/04 to 06/08 Principal Investigator: The Impact of Multiple Consumer Driven Health Plans Beyond Early Adoption: Here to Stay or Market Fad? Robert Wood Johnson Foundation. Funding level: 25%
- 07/05 to 05/06 Principal Investigator: Identifying the Impact of Consumer Driven Health Plans on Prescription Drug Cost and Use. Pfizer. Funding level: 25%
- 09/04 to 03/05 Principal Investigator: Assessing the Impact of Health Savings Accounts on Insurance Coverage and Costs. Department of Health and Human Services. Funding level: 22%
- 11/02 to 02/05 Principal Investigator: Evaluation of Defined Contribution Plans on Health Insurance Choice and Medical Care Use. Robert Wood Johnson Foundation. Funding level: 25%
- 4/99 to 5/03 Co-Principal Investigator: What Happens When Medicare Beneficiary's HMO Closes, Robert Wood Johnson Foundation. Funding level: 25%
- 3/01 to 2/03 Principal Investigator: United Health Group Research Collaboration, Center for Health Care Policy and Evaluation. Funding level: 20%
- 10/00 to 9/01 Investigator: Early Investigations of Consumer Driven Health Plans, Robert Wood Johnson Foundation. Funding level: 20%

- 10/00 to 8/01 Investigator, Early Implementation Experience of Vivius Contrasted with Other Internet-based Approaches, Robert Wood Johnson Foundation. Funding level: 10%
- 10/98 to 4/99 Investigator: An Evaluation of Medicare Medical Savings Account. With The Barents Group LLC and Westat, Health Care Financing Administration. Funding level: 35%
- 6/98 to 5/01 Principal Investigator: Analytic Services Task Order Contract for General Health Policy Analysis, Maryland Health Care Access and Cost Containment Commission. Funding level: 40%
- 9/95 to 8/99 Investigator: General Task Order on HCFA Market Research for Beneficiaries (Contract #500-95-0057/Task Order 2), Health Care Financing Administration. Funding level: 35%
- 11/95 to 6/99 Investigator: Market Research for Medicare Providers (Contract #500-95-0057/Task Order 3), Health Care Financing Administration. Funding level: 20%
- 11/97 to 12/98 Principal Investigator: Developing Computer-based Interactive Economic Model of Schizophrenia Treatment Choices, Janssen Pharmaceutica. Funding level: 25%
- 7/98 to 12/98 Principal Investigator: The Tradeoff between Health Quality Improvement and Increased Health Care Expenditure: A Review of the Literature, Pfizer Inc. Funding level: 25%
- 6/97 to 11/98 Principal Investigator: Developing an Interactive Economic Model for Diabetic Foot New Technologies, Advanced Tissue Sciences. Funding level: 30%
- 8/96 to 3/98 Principal Investigator: The Role of Allergists in the Management of Asthma in a Managed Care Setting, American College of Allergy, Asthma and Immunology. Funding level: 35%
- 2/97 to 3/98 Investigator: A Survey of Methods to Distribute Confidential Data to Health Policy Researchers, Agency for Health Care Policy Research. Funding level: 15%
- 4/96 to 9/97 Principal Investigator: A Worldwide Assessment of Medical Editors Needs, Rockefeller Foundation. Funding level: 10%
- 7/11/95 to 5/97 Co-Principal Investigator: Home Health Care, Kaiser Family Foundation. Funding level: 35%

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- 2/97 to 5/97 Principal Investigator: Identifying Multi-year Costs of Medicare Beneficiaries Enrolled in Medicare Risk HMOs, American Association of Health Plans and the Barents Group LLC. Funding level: 40%
- 9/94 to 5/97 Principal Investigator: Independent Validation and Verification of the Maryland Medical Care Database, Maryland Health Care Access and Cost Containment Commission. Funding level: 30%
- 8/96 to 3/97 Principal Investigator: Development of an Analytic Database for the Study of Post-acute Follow-up among Male Medicare Patients Receiving Urological Procedures, Triangle Urology Associates, Pittsburgh, PA. Funding level: 25%
- 9/95 to 7/96 Principal Investigator: Assessing the Economic Cost Offsets of New Technologies to Treat Full Thickness Burns, Advanced Tissue Sciences. Funding level: 40%
- 4/95 to 10/95 Principal Investigator: A Survey of Quality of Care Provided to End Stage Renal Dialysis Patients, Prospective Payment Assessment Commission. Funding level: 25%
- 1/95 to 6/95 Co-Principal Investigator: Estimating the Cost-Savings of Health Information Technologies, Office of Technology Assessment. Funding level: 25%
- 9/94 to 6/95 Principal Investigator: Estimating the Cost and Use of Medicare Beneficiaries Enrolled in the Qualified Medicare Beneficiary Program, Health Care Financing Administration. Funding level: 35%
- 9/94 to 1/95 Principal Investigator: A Survey of Medicare and Non-Medicare Accounting Practices in Hospitals, Prospective Payment Assessment Commission. Funding level: 45%