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BUSINESS ADDRESS

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EDUCATION

Doctor of Philosophy **January 2000**
Department of Industrial Engineering, University of Wisconsin - Madison
Specializing in Health Systems

Master of Science **December 1993**
Department of Industrial Engineering, University of Wisconsin - Madison
Specializing in Quality Engineering

Bachelor of Science **September 1992**
Department of Industrial Engineering, Chung Yuan Christian University, TAIWAN

WORK EXPERIENCE

Assistant Professor **2008**
Epstein Department of Industrial and Systems Engineering, University of Southern
California, Los Angeles, CA

Engineer **2006 - present**
Health Program & Technology and Applied Sciences Group, RAND, Santa Monica, CA

Adjunct Professor **2007 - present**
Pardee RAND Graduate School, RAND, Santa Monica, CA

Associate Engineer **1999 - 2006**
Health Program & Technology and Applied Sciences Group, RAND, Santa Monica, CA

Adjunct Assistant Professor **2003**
Department of Industrial Engineering, Chung Yuan Christian University, TAIWAN

Teaching Assistant **1994 - 1995**
Dean's Office, College of Engineering, Chung Yuan Christian University, TAIWAN

RESEARCH EXPERIENCE

Current projects and responsibility

Serving as the principal investigator or co-principal investigator

Cost-effectiveness in Physical Activity Promotion (Funded by National Cancer Institute, Apr. 2007 – Mar. 2009, \$399,509): **Principal investigator**. This project will collect cost data of proven effective physical activity interventions and conduct a

standardized cost-effectiveness analysis to help decisionmakers compare effective physical activity interventions.

Redesigning Delivery Processes for Efficiency and Value: Redesigning Hospital Care at Night for Efficiency and Value (Funded by Agency for Healthcare Research and Quality, Sep. 2006 – Sep. 2008, \$399,539): **Project director and principal investigator**. The translational research will conduct an applied multi-site intervention and quasi-experimental evaluation of strategies for the redesign of nighttime hospital care. This project is administered as a partnership of the University HealthSystem Consortium and the RAND Corporation.

Integrating Chronic Care and Business Strategies in the Safety Net (Funded by Agency for Healthcare Research and Quality, Sep. 2006 – Sep. 2008, \$398,806): **Project director and principal investigator**. The translational research will develop, implement, evaluate and disseminate a toolkit to facilitate efficient and financially viable implementation of the Chronic Care Model (CCM) in safety net organizations. This project is administered as a partnership of MacColl Institute for Healthcare Innovation at the Group Health Cooperative, the California Health Care Safety Net Institute (SNI), and the RAND Corporation.

Smallpox Vaccine Research Policy Analysis Phase II (Funded by National Institute of Allergy and Infectious Diseases, Oct. 2007-Sep. 2008, \$315,566): **Principal investigator**. The project will complete the development and knowledge transfer of a research investment model that can be easily and reliably run by NIAID as circumstances and knowledge about smallpox vaccine and therapeutic options change. The model will fully incorporate the long-term policy analysis viewpoint, and will glean insights into the likely acceptance of various vaccine regimens.

Roybal Center for Health Policy Simulation (P.I.: Dana Goldman, funded by National Institute on Aging, Sep. 2004-Jul. 2009, \$1,660,000): **Associate Director and project lead**. The Center will research, develop, and disseminate models to understand how demographic trends and changes in medical treatment will affect the health status and health expenditures of older Americans now and in the foreseeable future. The project “Tools for Efficient Allocation of Falls Prevention Resources” will develop decision-support tools for policy makers and community planners to identify needs and gaps for falls prevention, and compare different intervention alternatives.

Surveillance of Lung Cancer Trends in the US with MISCAN (P.I.: Robert Boer, funded by NCI, Sep. 2002 – April 2008, \$383,264/year): **Co-principal investigator and operations researcher**. Development, calibration, and validation of a simulation model for lung cancer and address of surveillance questions on observed population trends in incidence and mortality of lung cancer as well as prediction of future trends in incidence and mortality of lung cancer in the total United States population.

Serving as a key researcher

Use of an Electronic Referral System to Improve the outpatient Primary Care-Specialty Care Interface (Funded by Agency for Healthcare Research and Quality, Sep. 2007 – Sep. 2009): **Co-investigator and cost analyst**. The purpose of this

project is to evaluate the introduction of a web-based eReferral system, developed by the University of California San Francisco (UCSF) – San Francisco General Hospital (SFGH), in a new specialty clinic and among referring primary care providers at affiliated health centers. The evaluation of this system will center on: (1) changes in indicators of the quality, efficiency, accessibility, and patient-centeredness of outpatient specialty care before vs. after the use of eReferral; (2) qualitative research exploring how the system's implementation might influence its success or failure; and (3) the net costs (vs. savings) and the business case for the system's adoption and use.

Evaluating Pay for Performance in Breast Cancer (P.I.: Jason Wang, funded by Andrew T Huang Medical Education Promotion Fund, Aug. 2004 – present):

Implementation assessment consultant. Provision of consultation to assist the Andrew T Huang Medical Education Promotion Fund in evaluating the ongoing pilot project in pay for performance in order to understand its impact on costs and quality of care, and to assist the Fund in planning the intervention and prospective evaluation structure for an expansion of the project to other hospitals in Taiwan.

DREW/RAND/UCLA Comprehensive Center for Health Disparities (P.I.: Beth McGlynn and Roberto Vargas, funded by The Charles R. Drew University, Oct. 03 – Aug. 08): **Project lead** for policy modeling. The Charles R. Drew University of Medicine will systematically address the health disparities in renal disease that negatively affect racial and ethnic minority populations. RAND will collaborate with the university to provide technical assistance and with UCLA Medical Center, will direct the policy and outcomes core of the center.

Accelerating Change and Transformation in Organizations and Networks (ACTION) (P.I.: Allen Fremont, funded by the Agency for Healthcare Research and Quality, March 2003-present): **Topic area co-lead** for health information technology and ad-hoc **project leader**.

RAND Bing Center on Health Economics (Director: Dana Goldman, April 2006-present): **Project development liaison** for the China Initiative – Designing a Sustainable Health Care Financing System in China.

Completed projects and responsibility

Improving Chronic Illness Care Evaluation (P.I.: Emmett Keeler, funded by RWJF, Oct. 1999 – Sep. 2004): **Implementation assessment researcher.** Qualitative and quantitative evaluation of participating sites' implementation and sustainability of changes to align their care systems with the Chronic Care Model.

Evaluation of the Health Buddy System (P.I.: Shan Cretin, funded by Health Hero, Oct. 1999 – Dec. 1999): **Outcome analyst.** Quantitative assessment of the Health Buddy System performance and impact on patient outcomes.

George Washington University Medical Center: Options for the 21st Century (P.I.: Albert Williams and Richard Hillestad, funded by George Washington University, Oct. 1999 – Mar. 2000): **Modeler.** Productivity modeling.

Prevalence and Costs Associated with Chronic Illness (P.I.: Shin-Yi Wu, funded by RWJF, Feb. – Sep. 2000): **Principal investigator on the subcontract** with Johns Hopkins University. Projection of prevalence and costs associated with chronic illness in the next 30 years.

Healthy Aging (P.I.: Laurence Rubenstein and Paul Shekelle, funded by HCFA, Mar. 2000 – Jun. 2003): **Cost-effectiveness analyst**. Literature synthesis and modeling in regards to cost-effectiveness of various healthy aging topics and preparation of evidence reports. Estimation of the potential effectiveness and cost savings of a smoking cessation demonstration proposal – The Medicare Stop Smoking Program as a new potential Medicare benefit.

Community Trial to Increase Cancer Screening Adherence and Increasing Colorectal Cancer Screening Through Churches (P.I.: Sarah Fox, UCLA, funded by NCI, Sep. 2000 – Dec. 2003): **Principal investigator of RAND subcontract**. Scale development for physician and patient survey data.

Cost-effectiveness in HIV Prevention Planning (P.I.: Deborah Cohen, funded by CDC, Dec. 2001 – Dec. 2002): **Cost-effectiveness modeler**. Development of a cost-effectiveness estimation tool and user manual for community planning groups.

Research on Research, Center for HIV Identification, Prevention and Treatment Services (P.I.: Mary Jane Rotheram-Borus, UCLA, funded by NIMH, Jan. 2002 – Aug. 2004): **Principal investigator of RAND subcontract**. Consultation and study of quality and productivity improvement for research production process. Awarded a pilot grant for Development of CHIPTS Project Management Information System.

Evidence-Based Practice Centers (EPC) II: AHRQ Health Information Technology Project (P.I.: Paul Shekelle, funded by AHRQ, Jan. 2004 – April 2005): **Cost-effectiveness analyst**. Literature synthesis and modeling in regards to costs and benefits of health information technology.

Evaluation of *Hablamos Juntos* (P.I.: Leo Morales, funded by RWJF, May. 2004 – Oct. 2006): **Cost analyst**. Development of cost data collection protocol and instrument. Collection and analysis of cost data. Preparation of reports and manuscripts.

RAND – New Jersey E-prescribing Action Coalition (P.I.: Douglas Bell, funded by AHRQ, Jan. 2006-Dec. 2006): **Workflow process modeler**. Estimation of the impact of e-prescribing standards on workflow process to enable well-justified policy decisions regarding each “initial” e-prescribing standard.

Smallpox Vaccine Research Policy Analysis Phase I (P.I.: Samuel Bozzette, funded by NIAID, May 2005-Sep. 2006): **Co-principal investigator and leading decision analyst**. Conduction of decision analysis to assist NIAID in analyzing and comparing the implications of various smallpox vaccine and treatment research investment scenarios.

HONORS AND AWARDS

RAND Merit Bonus Award 2007
RAND, Santa Monica, CA

Outstanding Teaching Services 2003
Department of Industrial Engineering, Chung-Yuan Christian University, TAIWAN

JOURNAL REVIEW

Journal of General Internal Medicine 2006-present
Health Affairs 2006-present
Joint Commission Journal on Quality and Patient Safety 2005-present
Medical Care 2004-present
Health Services Research 2003-present

REFEREED JOURNAL PUBLICATIONS

- **Wu S**, Ridgely MS, Escarce JJ, Morales LS. Language Access Services for Latinos with Limited English Proficiency: Lessons Learned from Hablamos Juntos, **Journal of General Internal Medicine**, 22(Suppl 2): 350-5, 2007.
- Marsteller JA, Shortell SM, Lin M, Mendel P, Dell E, Wang S, Cretin S, Pearson ML, **Wu S**, Rosen M. How Do Teams in Quality Improvement Collaboratives Interact, **Joint Commission Journal on Quality and Patient Safety**, 33(5): 267-276, 2007.
- Chaudhry B, Wang J, **Wu S**, Maglione M, Mojica W, Roth E, Morton SC, Shekelle PG. Systematic Review: Impact of Health Information Technology on Quality, Efficiency, and Costs of Medical Care. **Annals of Internal Medicine**, 144(10): 742-752, 2006.
- Cohen DA, **Wu S**, Farley TA. Structural Interventions to Prevent HIV/Sexually Transmitted Disease: Are They Cost-effective for Women in the Southern United States? **Sexually Transmitted Diseases**, 37(7) Supplement, 2006.
- Cohen DA, **Wu S**, Farley TA. HIV Prevention Case Management is Not Cost-Effective. **American Journal of Public Health**, 96(3): 400, 2006.
- Meredith LS, Mendel P, Pearson ML, **Wu S**, Joyce G, Straus JB, Ryan G, Unutzer J. Success of Implementation and Maintenance of Quality Improvement for Depression, **Psychiatric Services**, 57(1): 48-55, 2006.
- Cohen DA, **Wu S**, Farley TA. A Cost-Effective National HIV Prevention Strategy for the United States, **Health Affairs**, 24(4): 915-926, 2005.
- Pearson ML, **Wu S**, Schaefer J, Bonomi AE, Shortell SM, Mendel PJ, Marsteller JA, Louis TA, Keeler EB. Assessing the Implementation of the Chronic Care Model in Quality Improvement Collaboratives, **Health Services Research**, 40(4): 978-996, 2005.
- Schonlau M, Mangione-Smith R, Rosen M, Chan K, Louis T, **Wu S**, Keeler EB. An Evaluation of an Adult Asthma BTS Collaborative and the Effect of Patient Self-Management, **Annals of Family Medicine**, 3:200-208, 2005.

- Lin M, Shortell SM, Marsteller JA, Keeler EB, Mendel P, Pearson ML, **Wu S**, Rosen M. Motivation to Change Chronic Disease Care: Results from a National Evaluation of Quality Improvement Collaboratives, **Health Care Management Review**, 29:4, 2004.
- Shortell SM, Marsteller JA, Lin M, Pearson ML, **Wu S**, Mendel P, Cretin S, Rosen M. The Role of Perceived Team Effectiveness in Improving Chronic Illness Care, **Medical Care**, 42:1040-1048, 2004.
- Cohen DA, **Wu S**, Farley TA. Comparing the Cost-Effectiveness of HIV Prevention Interventions. **Journal of Acquired Immune Deficiency Syndromes**, 37:1404-1414, 2004.
- Farley TA, Cohen DA, **Wu S**, Besch L. The Value of Screening for Sexually Transmitted Diseases in an HIV Clinic, **Journal of Acquired Immune Deficiency Syndromes**, 33:642-8, 2003
- **Wu S**, Sainfort F, Tomar RH, Tollios JL, Fryback DG, Klein R, Klein BE. Development and Application of a Model to Estimate the Impact of Type 1 Diabetes on Health-Related Quality of Life, **Diabetes Care**, 21(5):725-31, 1998
- Tomar RH, Lee S, **Wu S**, Klein R, Klein BEK, Moss SE, Fryback DG, Tollios JL, Sainfort F. Disease Progression and Cost of Insulin Dependent Diabetes Mellitus: Development and Application of a Simulation Model, **Journal of Society for Health Systems**, 5(4):24-37, 1998

OTHER REFERRED PUBLICATIONS (Conference proceedings, abstracts, reports)

- **Wu S**, Shekelle P, Rubenstein L, Maglione M, Chang J, Mojica W, Morton S. Cost-Effectiveness of Falls Prevention as a Healthy Aging Intervention. Society for Medical Decision Making 25th Annual Meeting, Chicago, IL, Oct. 18-22, 2003. (Abstract in **Medical Decision Making**, 23(6):580, 2003)
- **Wu S**, Pearson ML, Schaefer J, Bonomi AE, Shortell SM, Mendel PJ, Marsteller JA, Louis TA, Keeler EB. Assessing the Implementation of the Chronic Care Model in Quality Improvement Collaboratives: Does Baseline System Support for Chronic Care Matter? *p. 595-601, In: Luczak, H. & Zink, K.J. Human Factors in Organizational Design and Management-VII. Re-Design Work and Macroergonomics - Future Perspectives and Challenges. Proceedings of the Seventh International Symposium on Human Factors in Organizational Design and Management* held in Aachen, Germany, October 1-2, 2003. Santa Monica, CA, USA: IEA Press, 2003.
- Cohen DA, Farley TA, **Wu S**. Maximizing the Benefit: HIV Prevention Planning Based on Cost-Effectiveness, A Practical Tool for Community Planning Groups and Health Departments, DRU-3092-CDC, 2003, http://www.rand.org/health/tools/hiv_prevention.html
- Shekelle P, Morton S, Chang J, Mojica W, Maglione M, **Wu S**. Evidence Report and Evidence-Based Recommendations: Falls Prevention Interventions in the Medicare Population. U.S. Dept. of Health and Human Services, Centers for Medicare & Medicaid Services, <http://cms.hhs.gov/healthyaging/FallsPI.asp>, 2003.

- Shekelle P, Tucker J, Morton S, Maglione M, **Wu S**. Evidence Report and Evidence-based Recommendations: Health Risk Appraisals and Medicare. U.S. Dept. of Health and Human Services, Centers for Medicare & Medicaid Services, 2001.
- O'Connell M, Bigelow JH, Cretin S, Solomon M, **Wu S**, Cherry JC, Cobb H. Patient Compliance With and Attitudes Towards Health Buddy™. RAND Publication 0-8330-2894-4, 2000.
- Shekelle P, Stone E, Morton S, Maglione M, Joyce G, **Wu, S**. Evidence Report and Evidence-based Recommendations: Interventions to Promote Smoking Cessation in the Medicare Population. U.S. Dept. of Health and Human Services, Health Care Financing Administration, Publication #02195, 2000.

OTHER PUBLICATIONS

- Ganz DA, **Wu S**. Reducing the Risk of Falls and Fall-related Injuries among Older People. Report prepared for the Workshop on the Social Determinants of Adult Health and Mortality. Organized by National Academies of Sciences, Washington, DC, May 2007
- Bell DS, Schueth AJ, Crosson JC, Guinan JP, **Wu S**, Pevnick JM, Wang, CJ, Neuman SL, Patel M, Park H, Tysinger B, Malakar L, Schoeff D, Bradley M, Newberry SJ. Pilot Testing of Electronic Prescribing Standards. Agency for Healthcare Research and Quality, April, 2007, http://healthit.ahrq.gov/portal/server.pt/gateway/PTARGS_0_1248_227350_0_0_18/NJ-EPAC%20Pilot%20Testing%20of%20Electronic%20Prescribing%20Standards.pdf
- Shekelle P, Morton SC, Keeler EB, Wang JK, Chaudhry BI, **Wu S**, Mojica WA, Maglione M. Evidence Report/Technology Assessment #132: *Costs and Benefits of Health Information Technology*. Agency for Healthcare Research and Quality Publication No. 06-E006, April, 2006, <http://www.ahrq.gov/clinic/tp/hitsystp.htm>
- **Wu S**, Cohen DA, Lu S, Farley TA. Maximizing Local Effect of HIV Prevention Resources. **Contagion**, 2(3):127-32, 2005.
- **Wu S**, Green A. Projection of Chronic Illness Prevalence and Cost Inflation. RAND Project Memorandum PM-1144, October 2000.

CONFERENCE PRESENTATIONS

- **Wu S**. Tools for Efficient Allocation of Fall-Prevention Resources. Gerontological Society of American Annual Meeting, Dallas, TX, November 16 to 20, 2006.
- **Wu S**, Kramer BJ, Sarkisyan S, Overton, A. Is an Infrastructure in Place to Support Fall Prevention in California? Gerontological Society of American Annual Meeting, Orlando, FL, November 18 to 22, 2005.
- **Wu S**, Pearson ML, Shortell SM, Marsteller JA, Lin M, Keeler EB. CCM Implementation and Patient Perceived Self-management Support for Their Chronic Illness. AcademyHealth 22nd Annual Research Meeting, Boston, MA, June 26-28, 2005.

- **Wu S**, Ma S, Duan N, Lee SJ, Seiden D, Newman PA, Cunningham W. Relationship between desire to talk to doctor, trust in doctor, and willingness-to-participate in HIV vaccine trials. AcademyHealth 22nd Annual Research Meeting, Boston, MA, June 26-28, 2005.
- Chaudhry B, Wang J, **Wu S**, Maglione M, Mojica W, Roth E, Rolon C, Morton S, Keeler E, Shekelle P. The Effect of Health Information Technology on Efficiency and Quality: A Systematic Review. AcademyHealth 22nd Annual Research Meeting, Boston, MA, June 26-28, 2005.
- **Wu S**, Ma S, Duan N, Lee SJ, Seiden D, Newman PA, Cunningham W. Comparison of Doctor's Influence in Patient's Willingness-to-participate in HIV Vaccine Trial and Post-trial Vaccine Acceptability, 2005 National HIV Prevention Conference, Atlanta, GA, June 13-14, 2005.
- **Wu S**, Ma S, Duan N, Lee SJ, Seiden D, Newman PA, Cunningham W. How Doctors May Influence HIV Vaccine Trial Participation: From Patients' Perspectives. 2005 National HIV Prevention Conference, Atlanta, GA, June 13-14, 2005.
- **Wu S**, Pearson ML, Keeler EB. How Effective is the Collaborative Approach to Improve Chronic Care? IIE Annual Conference, Atlanta, GA, May 14-18, 2005. (Opening plenary for Health Care Systems Track).
- **Wu S**, Pearson ML, Shortell SM, Mendel PJ, Marsteller JA, Lin M, Keeler EB. Sustainability and Spread of Chronic Illness Improvement. 2005 Health Services Research and Development National Meeting, Baltimore, MD, February 16-18, 2005.
- **Wu S**, Cohen DA, Farley TA. Practical Use of Cost-Effectiveness for Community Planning of HIV Prevention. Society for Medical Decision Making 26th Annual Meeting, Atlanta, GA, Oct. 17-20, 2004.
- **Wu S**, Pearson ML, Shortell SM, Mendel PJ, Marsteller JA, Lin M, Keeler EB. Sustainability and Spread of Chronic Illness Care Improvement. Translating Research Into Practice Conference, Washington, DC, July 12-14, 2004.
- Pearson ML, **Wu S**, Shortell SM, Mendel PJ, Marsteller JA, Lin M, Keeler EB. Effective Implementation of Chronic Illness Care Improvement. Translating Research Into Practice Conference, Washington, DC, July 12-14, 2004.
- **Wu S**, Cohen DA, Farley TA. Maximizing the Benefit: A Decision-Support Tool Using Cost-Effectiveness to Prioritize HIV Prevention Interventions. XV International AIDS Conference, Bangkok, Thailand, July 11-16, 2004.
- **Wu S**, Pearson ML, Shortell SM, Mendel PJ, Marsteller JA, Lin M, Keeler EB. Sustainability and Spread of Chronic Illness Care Improvement. AcademyHealth 21th Annual Research Meeting, San Diego, CA, June 6-8, 2004.
- Pearson ML, **Wu S**, Shortell SM, Mendel PJ, Marsteller JA, Lin M, Keeler EB. Effective Implementation of Chronic Illness Care Improvement. AcademyHealth 21th Annual Research Meeting, San Diego, CA, June 6-8, 2004 (Selected as Most Outstanding Abstract).

- Marsteller JA, Shortell SM, Lin M, Pearson ML, **Wu S**, Mendel PJ, Cretin S, Rosen M. The Role of Perceived Team Effectiveness in Improving Chronic Illness Care. AcademyHealth 21th Annual Research Meeting, San Diego, CA, June 6-8, 2004.
- Lin M, Shortell SM, Marsteller JA, Keeler EB, Mendel P, Pearson ML, **Wu S**, Rosen M. Motivation to Improve Quality Disease Care in Three Quality Improvement Collaboratives. AcademyHealth 21th Annual Research Meeting, San Diego, CA, June 6-8, 2004.
- Meredith LS, Unützer J, Mendel PJ, Pearson ML, **Wu S**, Keeler EB. Success of Implementation and Maintenance of Quality Improvement for Depression. AcademyHealth 21th Annual Research Meeting, San Diego, CA, June 6-8, 2004.
- **Wu S**, Cohen DA, Farley TA. Maximizing the Benefit: A Decision-Support Tool to Prioritize HIV Prevention Interventions Using Cost-Effectiveness. Universitywide AIDS Research Program 6th Conference on AIDS Research in California, Los Angeles, CA, Feb. 20, 2004.
- **Wu S**, Seiden DA, Duan N, Newman PA. Applying Quality Management for Successful HIV Survey Research (Project VIBE). Universitywide AIDS Research Program 6th Conference on AIDS Research in California, Los Angeles, CA, Feb. 20, 2004.
- Cohen DA, **Wu S**, Farley TA. Maximizing the Benefit: A Tool to Prioritize HIV Prevention Interventions Using Cost-Effectiveness. 131st Annual Meeting of the American Public Health Association, San Francisco, CA, Nov. 15-19, 2003.
- **Wu S**, Shekelle P, Rubenstein L, Maglione M, Chang J, Majica W, Morton S. Cost-Effectiveness of Falls Prevention as a Healthy Aging Intervention. Society for Medical Decision Making 25th Annual Meeting, Chicago, IL, Oct. 18-22, 2003.
- **Wu S**, Pearson ML, Schaefer J, Bonomi AE, Shortell SM, Mendel PJ, Marsteller JA, Louis TA, Keeler EB. Assessing the Implementation of the Chronic Care Model in Quality Improvement Collaboratives. 7th International Symposium on Human Factors in Organizational Design and Management, Aachen, Germany, Oct. 1-3, 2003.
- Cohen DA, **Wu S**, Farley TA. Maximizing the Benefit: Estimating the Relative Cost-Effectiveness of HIV Prevention Interventions. International Society for Sexually Transmitted Disease Research, Ottawa, Canada, July 27-30, 2003.
- Cohen DA, **Wu S**, Farley TA. Maximizing the Benefit: A Tool to Prioritize HIV Prevention Interventions Using Cost-Effectiveness. 2003 National HIV Prevention Conference, Atlanta, GA, July 27-30, 2003.
- Pearson ML, **Wu S**, Schaefer J, Bonomi AE, Shortell SM, Keeler EB. Assessing the Implementation of the Chronic Care Model in Quality Improvement Collaboratives. AcademyHealth 20th Annual Research Meeting, Nashville, TN, June 27-29, 2003.
- Cohen DA, **Wu S**, Farley TA. Prioritizing HIV Prevention Interventions Using Cost-Effective Analysis: A Hands-on Workshop. Sixth Annual United States Conference on AIDS, Anaheim, CA, Sep. 19-22, 2002.

- Joyce GF, **Wu S**, Preston JA, Rebenstein, LZ, Shekelle PG. A Cost-benefit Analysis of the Medicare Stop Smoking Program. 129th Annual Meeting of the American Public Health Association, Atlanta, GA, Oct. 21-25, 2001.
- **Wu S**, Sainfort F. A Systematic Analysis of the Effects of Patient-centered Care on Patient Outcomes. Association for Health Services Research 2000 Annual Meeting, Los Angeles, CA, June 25-27, 2000.
- **Wu S**, Sainfort F. Relationships Between Physician Job Attitudes, Encounter Behaviors & Patient Outcomes. INFORMS Seattle Fall 1998 Meeting, Seattle, WA, October 25-28, 1998.
- **Wu S**, Tomar RH, Sainfort F. A Simulation Model of Type 1 Diabetes Progression to Study Cost-Effectiveness of Alternative Treatment Strategies. Poster Sessions, First Annual Wisconsin Health Services Research Conference, Madison, WI, October 23-24, 1997.

INVITED TALKS

- The Chronic Care Model: Better Care Approach for the 21st Century. Epstein Department of Industrial and Systems Engineering, University of Southern California, Los Angeles, CA, October 2007.
- The Chronic Care Model: Better Care Approach for the 21st Century. The 2nd Annual California Medical Association Leadership Conference, Los Angeles, CA, September 2007.
- The Chronic Care Model: Better Care Approach for the 21st Century. Chinese Hospital Association Leadership Program. Organized by the Anderson Executive Education Programs, University of California at Los Angeles, Los Angeles, CA, June 2007.
- Identifying, Disseminating, and Implementing Best Practices. Workshop on Best Practices. Organized by Office of Quality Improvement, University of Wisconsin Madison, Madison, WI, June 2007
- Reducing the Risk of Falls and Fall-related Injuries among Older People. Workshop on the Social Determinants of Adult Health and Mortality. Organized by National Academies of Sciences, Washington, DC, May 2007
- Assessing the Implementation of the Chronic Care Model. Epstein Department of Industrial and Systems Engineering, University of Southern California, Los Angeles, CA, April 2007.
- A Look at the Future. California Senior Injury Prevention Conference. Organized by Alameda County Public Health, Center for Injury Prevention, and Senior Injury Prevention Partnership, Orange County, CA, May 2006.
- Tools for Efficient Allocation of Fall-Prevention Resources. Center for Health Policy and Center for Primary Care and Outcomes Research, Stanford University, March 2006.

- Enhancing Falls Surveillance and Community Planning Activities with a Geographic Information System based Tool. Fall Prevention Center of Excellence Advisory Board meeting, University of Southern California, October 2005.
- Transforming Health Care with Information Technology: Potential Benefits, Costs, and Choices. Department of Information Management, Yuan Ze University, Chung-Li, Taiwan, June 2005.
- Applications of Operations Research in Health Service Delivery and Policy. Department of Industrial Engineering and Engineering Management, National Tsing Hua University, Hsinchu, Taiwan, June 2005.
- The Collaborative Model for Chronic Illness Care Improvement and its Evaluation. The 3rd East Taiwan Cancer Care Symposium, Hua-Lien, TAIWAN, September 2004.
- Applying Quality Management for Successful HIV Survey Research, Center for Community Health and Health Services Research Center, University of California at Los Angeles and the Charles R. Drew University of Medicine and Science, November 2003.
- Medical Decision Making – Its Society, Its Principles and the Current of Current Trends, Center for Community Health and Health Services Research Center, University of California at Los Angeles, February 2003.
- Management and Improvement of Chronic Illness Care, Institute of Hospital and Health Care Administration, National Yang-Ming University, TAIWAN, January 2003.
- Maximizing the Benefit: A Priority Setting Tool for Community-Planning Groups and Health Departments, Centers for Disease Control and Prevention (CDC), December 2002.
- Cost-Effectiveness in HIV Prevention Planning, Center for HIV Identification, Prevention and Treatment Services, University of California at Los Angeles, December 2002.
- A Pilot Experience of Research on Research: How We Learned, What We Learned, Collaborative Alcohol Research Center, The Charles R. Drew University of Medicine and Science, May 2002.
- A Pilot Experience of Research on Research: How We Learned, What We Learned, Center for Community Health and Health Services Research Center, University of California at Los Angeles, April 2002.
- Research on Research: Quality, Productivity, and Growth, Collaborative Alcohol Research Center, The Charles R. Drew University of Medicine and Science, November 2001.
- Applying Industrial Engineering Methodology to Improve Health Care Quality: Opportunities and Examples, Center for Community Health and Health Services Research Center, University of California at Los Angeles, December 1999.

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PROFESSIONAL AFFILIATIONS

AcademyHealth

American Society for Quality (ASQ)

Institute of Industrial Engineers (IIE)

Institute for Operations Research and the Management Sciences (INFORMS)

Society for Medical Decision Making (SMDM)

PROFESSIONAL INTERESTS

- Assessment of cost-effectiveness in the delivery of healthcare, prevention of injury and disease, and health promotion
- Redesign of processes for delivering healthcare to increase efficiency and value
- Integration of business strategies and clinical strategies to improve care for chronic illness
- Analysis and evaluation of healthcare policies, including policies concerning care for chronic illness, healthy aging, and prevention of HIV
- Adoption and implementation of health information technology
- Identification and implementation of evidence-based practices in healthcare organizations; strategies for sustaining organizational change

REFERENCES

François Sainfort, Ph.D.

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Director of the Health Systems Institute
William W. George Professor of Health Systems
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