

CURRICULUM VITAE

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Educational Background

University of California, San Diego, Ph.D. in Economics, August, 1987.
University of California, San Diego, M.A. in Economics, March 1982.
St. Lawrence University, Canton, New York, B.A. in Economics May 1979.

Research and Professional Experience

1979-1984, 1986-1987 Teaching Assistant, Department of Economics, University of California, San Diego.

1984-1986 Associate Specialist, Community and Organization Research Institute, University of California, Santa Barbara.

1987-1989 Postdoctoral fellow in the University of California, Berkeley/University of California, San Francisco Health Services Research Training Program

1989-1990 Assistant Professor, School of Public Health, Columbia University.

1990-1991 Research Associate, Institute for Health Policy Studies, University of California, San Francisco.

1991-present Research Economist, Center for Innovation to Implementation (formerly Center for Health Care Evaluation), Veterans Affairs Palo Alto Health Care System, Palo Alto, California.

1992-2004 Consulting Assistant (92-01), Consulting Associate Professor (01-04), Department of Health Research and Policy, Stanford University School of Medicine.

1995, 1998 Visiting Assistant Professor, Department of Economics, Stanford University

1999-current Research Economist, Associate Director (99-03), Health Economics Resource Center, Veterans Affairs Palo Alto Health Care System.

1999-present Research Associate, Center for Health Policy and Center for Primary Care and Outcomes Research, Stanford University.

2004-2013 Consulting Associate Professor, Department of Pediatrics (Neonatal and Developmental Medicine), Stanford University School of Medicine.

2009-present Associate Director, Women's Health Evaluation Initiative, Veterans Affairs Palo Alto Health Care System.

2011-present Investigator, March of Dimes Prematurity Research Center, Stanford University

2012-present Associate Director, Geriatrics and Extended Care Data and Analysis Center, Veterans Affairs Palo Alto Health Care System.

2013-present Associate Professor (Research), Department of Pediatrics (Neonatal and Developmental Medicine), Stanford University School of Medicine.

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papers under review

Bansback N, **Phibbs CS**, Sun J, O'Dell JR, Brophy M, Keystone EC, Leatherman S, Mikuls TR, Anis A. Cost-Effectiveness of Triple Therapy Prior to Biologics in Rheumatoid Arthritis. Draft, University of British Columbia, December 2016.

Cai S, Laurel P, Makineni F, Marks ML, Kinoshian B, **Phibbs C**, Intrator O. Evaluation of A Hospital-In-Home Program Implemented Among Veterans. Draft, University of Rochester, September 2015.

Yang F, Hellyer J, Than C, Ullal A, Heidenreich P, Hoang D, Winkelmayr W, Schmitt S, Frayne S, Phibbs CS, Turakhia M. Warfarin Utilization and Quality of INR Control in Patients with Atrial Fibrillation and Chronic Kidney Disease (from the TREAT-AF Study). Draft, VA Palo Alto Health Care System, August 2015.

Yoon J, Phibbs CS, Chow A, Pomerantz H, Weinstock MA. Budget Impact of Treating

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Editorials, Commentaries, and Letters to the Editor

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Research Funding

Agency for Health Care Policy and Research RO1-HS 06123-03, “Physiologic Severity Index for Neonatal Intensive Care.” Principal Investigator, Douglas Richardson, Harvard University. Co-investigator. 7/1/91-6/30/92, \$18,000

Department of Veterans Affairs, Health Services Research & Development IIR #91-148.A, “Economic Evaluation of the 1991 Changes in How VA Sets Wages for Nurses.” **Principal Investigator.** 10/1/93-3/31/95, \$53,400.

National Institute for Drug Abuse RO1-DA08753-01, “Case Management of Substance Abusers with HIV Infection.” Principal Investigator, James Sorensen, University of California, San Francisco. Co-investigator. 9/30/93-6/30/2000, subcontract \$37,500

Agency for Health Care Policy and Research RO1-HS 064585, “Assessment of Febrile Infants Less than 2 Months of Age.” Principal Investigator, Robert Pantell, University of California, San Francisco. Co-investigator. 5/1/93-4/30/97, subcontract \$44,610

Department of Veterans Affairs, Health Services Research & Development IIR #92-042.B, “Determinants of the Choice of a VA vs. non-VA Facility for Medical Care.” **Principal Investigator.** 7/1/94-6/30/96, \$203,300.

Agency for Health Care Policy and Research RO1-HS0715-01, “Illness Severity & Practice Variation Among Newborn ICUs.” Principal Investigator, Douglas Richardson, Harvard University. Consultant. 4/1/94-3/31/97, subcontract \$4,058.

Agency for Health Care Policy and Research 282920055, “Patient Outcomes Research Team (PORT) on Low Birthweight in Minority and High-Risk Women.” Principal Investigator, Robert Goldenberg, University of Alabama, Birmingham. Co-investigator. 2/1/94-12/31/96, subcontract \$26,500.

Department of Veterans Affairs, Health Services Research & Development IIR #92-118.2, “Productivity and Labor Requirements of VAMCs.” Principal Investigator, Laura Lehner, Bedford VAMC. Co-Investigator, 5% effort. 1/1/94-12/31/96, \$280,964.

Department of Veterans Affairs, Health Services Research & Development IIR #94-033.1, “Predicting Inpatient Service Use Among VA Substance Abuse Patients.” Principal Investigator, John Piette, Palo Alto VAMC. Co-Investigator (5% effort). 10/1/95-3/30/98, \$178,000

Robert Wood Johnson Foundation #30562, “Excess capacity, hospital costs, and the effects of market structure.” **Principal Investigator.** 11/1/96-8/31/99, \$375,609.

Packard Foundation, Center for the Future of Children #96-3060, “Infant Rehospitalization after early post-delivery discharge: Is it a Growing Problem?” **Principal Investigator.** 3/1/96-12/31/96, \$2,900

Department of Veterans Affairs, Health Services Research & Development IIR #95-122.1, “Factors That Influence the Demand for Outpatient VA Services.” **Principal Investigator.** 7/1/96-9/30/99, \$328,100.

Department of Veterans Affairs, Health Services Research & Development SDR # ECN 99017, “Health Economics Resource Center.” Principal Investigator, Paul Barnett, VA Palo Alto Health Care System. Co-Investigator and Associate Director. 9/1/99-9/30/02, \$1,050,000.

Agency for Healthcare Research and Quality R01 HS109025, “Managed Care and Health Care Markets.” Principal Investigator, Laurence Baker, Stanford University. 9/30/00-9/29/03, \$1,468,331. Co-investigator, 4% effort.

National Institute for Child Health and Human Development RO1 HD36914, “Regionalization, Market Forces, and Neonatal Mortality.” **Principal Investigator.** 4/1/00-3/31/04, \$983,112.

Agency for Healthcare Research and Quality R01 HS13371, “Evidence-Based Selective Referral for VLBW Infants.” Principal Investigator, Jeannette Rogowski, RAND Corporation. 9/19/02-8/31/04, \$417,082. Consultant, 6% effort.

Department of Veterans Affairs, Health Services Research & Development SDR # ECN 99017, “Health Economics Resource Center.” Principal Investigator, Paul Barnett, VA Palo Alto Health Care System. Co-Investigator. Renewed, 10/1/02-9/30/07, \$1,750,000

National Institute for Child Health and Human Development RO1 HD44003, “Race, Ethnicity and Quality of Health Care for Newborns.” Principal Investigator, Laurence Baker, Stanford University. 4/1/03-3/31-06, \$1,080,674. Co-investigator, 15% effort.

Department of Veterans Affairs, Health Services Research & Development IIR 04-248, “Stroke Prevention for Atrial Fibrillation: Impact of Mental Illness.” Principal Investigator, Susan Frayne, VA Palo Alto Health Care System. 4/1/05-3/31/09, \$762,500. Co-investigator, 15% effort.

Robert Wood Johnson Foundation #051136 and Gordon and Betty Moore Foundation #637. “The Effect of Information Technology on Nurses and Patients in the Veterans Health Administration.” Principal Investigator, Joanne Spetz, University of California, San Francisco. 11/1/04 – 9/30/07, \$300,000. Co-investigator, 20% effort.

Robert Wood Johnson Foundation #53420. “Human Capital in the Nursing Workforce and Its Impact on Patient Outcomes.” Principal Investigator, Ann Bartel, Columbia University. 11/1/05 – 10/31/07, \$230,489. **Co-principal investigator**, 15% effort.

Department of Veterans Affairs, Health Services Research & Development SDR # ECN 99017, “Health Economics Resource Center.” Principal Investigator, Paul Barnett, VA Palo Alto Health Care System. Co-Investigator. Renewed, 10/1/07-9/30/13, \$3,000,000

Robert Wood Johnson Foundation #63959. “The Impacts of Nurse Staffing, Skill Mix, and Experience on Quality and Costs in Long-Term Care.” **Principal Investigator** 9/1/2008-8/31/2010, \$299,990.

Department of Veterans Affairs, Health Services Research & Development #RWJ 08-274. “The Impacts of Nurse Staffing, Skill Mix, and Experience on Quality and Costs in Long-Term Care.” **Principal Investigator** 4/1/2009-3/31/2011, \$73,189.

Department of Veterans Affairs, Health Services Research & Development IIR 07-152. “Predictors and Outcomes of Treating Bipolar Depression as MDD.” Principal Investigator, Kathleen Schutte, VA Palo Alto Health Care System. Co-Investigator, 10% effort, 4/1/09-3/31/2012, \$599,200

Department of Veterans Affairs, Health Services Research & Development SDR 10-012 “Women's Health Research Consortium/Practice-Based Research Network.” Co-Principal Investigators, Elizabeth Yano/Susan Frayne, VA Palo Alto Health Care System. Co-investigator, 10% effort, 6/1/2010-3/31/2014, \$3,433,923.

Department of Veterans Affairs, Health Services Research & Development IIR 09-362. “Regular and Off-Shift Nursing: Impacts on Patient Outcomes and Cost of Care.” **Principal Investigator** 2/1/2011-1/31/2013, \$580,200.

Department of Veterans Affairs, Health Services Research & Development IIR 09-092 "Dual Use: Safe in Atrial Fibrillation?" Principal Investigator Mintu Turakhia, VA Palo Alto Health Care System. Co-investigator, 15% effort, 8/1/2011-9/30/2014, \$621,720.

Department of Veterans Affairs, Health Services Research & Development CREATE HX-12-001 “Transforming the Spectrum of Long-Term Care for America’s Veterans.” Director Vincent Mor, Providence VAMC, 10/31/2012-9/31/2017. Total funding \$3,122,600. Specific CREATE projects:

CRE12-025. Implementing and Evaluating INTERACT in VA CLCs. Principal Investigator Vincent Mor, Providence VAMC. Co-investigator, 12.5% effort, 3/1/2013-8/31/2017.

CRE12-029. Medical Foster Homes: A Safe, Cost Effective Substitute for Nursing Homes? Principal Investigator Cari Levy, Denver VAMC. Co-investigator, 12.5% effort, 10/1/2012-9/30/2015

CRE12-036. Increasing Veterans' Use of Community-based LTC via Timely Discharge from VA CLCs. Principal Investigator Susan M Allen, Providence VAMC. Co-investigator, 12.5% effort, 10/1/2012-9/30/2015.

Department of Veterans Affairs, Health Services Research & Development CRE12-019. "Lost to Care: Attrition of Women Veterans New to VHA." Principal Investigator, Susan Frayne, VA Palo Alto Health Care System. Co-investigator, 7.5% effort, 1/1/2014-6/30/16, \$829,800.

Department of Veterans Affairs, Health Services Research & Development SDR # ECN 99017, "Health Economics Resource Center." Principal Investigator, Paul Barnett, VA Palo Alto Health Care System. Co-Investigator. Renewed, 10/1/13-9/30/18, \$2,500,000

Department of Veterans Affairs, Health Services Research & Development SDR 10-012, renewal "Women's Health Research Consortium/Practice-Based Research Network." Co-Principal Investigators, Elizabeth Yano/Susan Frayne, VA Palo Alto Health Care System. Co-investigator, 5% effort, 4/1/2014-9/30/2016, \$1,869,872.

Department of Veterans Affairs, Health Services Research & Development IIR 13-313. "Understanding Dual Use in VA and Medicaid for Potential Impacts under ACA." Principal Investigator, Jean Yoon, VA Palo Alto Health Care System. Co-investigator, 10% effort, 9/1/14-2/28/16 \$304,765.

Department of Veterans Affairs, Health Services Research & Development IIR 14-099-2. "Pregnancy Outcomes of Veterans (PROVE). **Principal Investigator.** 25% effort, 4/1/15-3/31/17 \$412,400.

Department of Veterans Affairs, Health Services Research & Development QUERI. QUERI-Office of Health Equity (OHE) Partnered Evaluation Center. Principal Investigator, Donna Washington, VA Greater Los Angeles Health Care System. Co-Investigator, 2% effort, 4/1/15-3/31/17 \$500,000.

VA Cooperative Studies Program Trials

CSP Study 006, "Evaluation of Geriatric Evaluation and Management (GEM) Units and Geriatric Evaluation and Management Clinic (GEMC) Follow-Up." Study Chairmen, John Feussner and Harvey Cohen. 1/1/1995-1/31/2002. \$4,118,901.

CSP Study 020, "Cost and Outcome of Telephone Care (Pilot Study)." Study Chairman, Gilbert Welch. 9/1/1995-2/28/1999. \$724,343.

CSP Study 481, "The Home International Normalized Ratio (INR) Study (THINRS)." Study Chairmen, David Matchar and Alan Jacobson. 8/1/2003-6/1/2008. \$11,787,448.

CSP Study 551, “Rheumatoid Arthritis: Comparison of Active Therapies in Patients With Active Disease Despite Methotrexate Therapy.” Study Chairman, James R. O’Dell. 9/1/05-9/30/13. \$10,929,326.

CSP Study 556, “The Effectiveness of rTMS in Depressed VA Patients.” Study Chairman, Jerome Yesavage. Summer 2011-Summer 2016. HERC budget \$367,887, total budget \$10,356,930

CSP Study 562, “The VA Keratinocyte Carcinoma Chemiprevention Trial (VAKCC).” Study Chairman, Martin Weinstock. Spring 2009 – Winter 2014. \$9,680,930.

Reviewer for Funding Agencies

Agency for Healthcare Research and Quality;

Special Study Section on Managed Care and Market Forces, 1995

Special Small Grants Study Section, 1997

Health Care Research Training Study Section, 1999-2001

Chair, Health Care Research Training Special Emphasis Panel, 2002

Chair, Health Care Research Training Special Emphasis Panel, 2005

National Institutes of Health

Special Study Section on Efficient Delivery of Effective Healthcare 2011

Special Study Section on Economic Research on Incentives for Efficient Use of Preventive Services 2012

Department of Veterans Affairs, Health Services Research & Development

Ad hoc member, HSR&D Implementation & Management Scientific Merit Review Board, September 2004

Ad hoc external reviewer, 2012

Member of HSR&D Scientific Review Board HSR5, August 2014-present.

Student Advising, Thesis and Dissertation Committees

Cassandra Guarino, committee member, Ph.D., Education, Stanford University, 1999

Arash Khalessi, committee member, M.S., Health Research and Policy, Stanford University, 2000

Ellen Shaffer, committee member, Ph.D., Health Policy and Management, Johns Hopkins School of Public Health, 2000

Corinna Haberland, committee member, M.S., Health Research and Policy, Stanford University, 2004.

Ewen Wang, M.D., Co-mentor, NIH K-award. 2007-2012

Judith Chung, M.D., committee member, PhD Health Services Research, 2009, UCLA.

Minang Turakhia, M.D., Co-mentor, VA Career Development Award. 2009-current

Seshadri Mudumbai, M.D., Co-mentor VA Career Development Award, committee member, M.S. Health Research and Policy, Stanford University, 2012. 2010-current.

Pamela de Cordova, RN, committee member, Ph.D., Nursing, Columbia University School of

Nursing, 2011, AHRQ dissertation grant,

Mayuko Uchida, committee member, Ph.D, Nursing, Columbia University School of Nursing, 2013. NINR dissertation grant, 2011-2013.

Jonathan Shaw, M.D., Mentor, VA health services research post-doc, 2012-current

Invited International Presentations/Lectures

NEOCOSUR Neonatal Network Meeting. Effective Interventions in Neonatal Medicine, Pontifica Universidad Catolica de Chile, July 8-9, 2000, Santiago Chile. “The Effects of Level of Care and NICU Patient Volume on Neonatal Mortality.”

Joint meeting of Deutschen Gesellschaft für Perinatale Medizin (DGPM) and Gesellschaft für Neonatologie und Pädiatrische Intensivmedizin (GNPI). May 8-9, 2009, Berlin, Germany. “Can Regionalization Improve VLBW Outcomes? Evidence From California.”

Jornada Internacional sobre Regionalizacion del Cuidado Perinatal. April 11-12, 2011, Buenos Aires, Argentina. “The Impact of Regionalization on Perinatal Results” and “Impact of Regionalization for Families, Personnel, and Hospitals.”

Other Achievements

Member, United States Offshore Sailing Team, 1984 Clipper Cup. (U.S. placed first out of 11 international teams).