

Family Physician

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California Family Medicine Hero of the Year 2023

1410 47th Street Sacramento CA 95819
CA License No. A61552
Board Certified

Experience

University of California, College of the Law, San Francisco, 2024 to Present

- Visiting Professor. Teach Introduction to Policymaking for the Health Policy & Law Master of Science Program.

Sutter Health, 1999 to Present

- Physician Research Collaborator. Clinical expert, advisor and mentor for health system research in heart failure, hypertension, diabetes & chronic disease, with focus on improving clinical outcomes and decreasing health disparities.
- Population Health Medical Director. Spearheaded systemwide clinical care pathways; wrote clinical guidelines & engagement tools. Supported clinically integrated network, value-based care, and advanced primary care design. Designed and directed systemwide heart failure, diabetes, hypertension, lipid and asthma care management programs for over 50,000 patients, improving many quality metrics to P90. Clinically managed large team of RNs, pharmacists, dieticians, and support staff.
- Diabetes Medical Director. Developed and directed the systemwide diabetes council for Sutter Health. Wrote diabetes clinical standards, policies, and procedures covering 26 hospitals and 5,000 network physicians. Provided clinical oversight of the largest AADE-certified diabetes education program in the US. Designed, implemented & ran diabetes and insulin management programs for 35,000 people with diabetes in the Sacramento Valley region. Helped improve diabetes outcomes and quality metrics across the Sutter system.
- Clinical Informatics Expert. Designed & developed dashboards, patient modules, and dynamic point-of-care decision-support & population outreach tools in the Epic electronic health record, touching 3 million patients.
- Family Physician. Managed panel of 2000 primary care patients. Created and ran diabetes group appointments and team-based multi-disciplinary diabetes clinics in primary care offices.

University of California, Davis, 1995 to 1999

- Research Assistant. Implemented obstetrics clinical decision support tools for California family physicians.

University of California, Berkeley 1989 to 1991

- Research Assistant. Carried out research during discovery of breast cancer gene in our research lab.

Community Health Volunteer, 1987 to 1988

- Provided public health service in rural communities in Puerto Rico and Belize.

EDUCATION

Master of Science, Health Policy & Law, University of California San Francisco and University of California, College of the Law, San Francisco, 2024

- Training: Health Law, Policy Analysis, Policymaking, Healthcare Systems, Health Economics, Healthcare Leadership, Health Justice, Advocacy, and Legal Research & Writing.
- Thesis: Ambulatory Clinical Pharmacist Care for Chronic Conditions.

Population Health Management Graduate Certificate, Jefferson College of Population Health, 2021

- Training: Essentials of Population Health, Implementation Science, Quality Improvement, Health Economics & Finance, and Health Informatics & Analytics.

Family and Community Medicine Residency, University of California, Davis, School of Medicine, 1998

Doctor of Medicine, University of California, Davis, School of Medicine (AOA), 1995

- Award of Excellence to Outstanding Student in Family Medicine
- Award of Excellence to Outstanding Student in Obstetrics and Gynecology
- Award to Outstanding Student in Family Medicine, Sacramento CAFP
- American Medical Women's Association Sue Snively Memorial Student Award

Master of Public Health, Epidemiology and Biostatistics, University of California, Berkeley, 1991

Bachelor of Arts, Biology, Carleton College, 1987

ADVOCACY

California Academy of Family Physicians, 2019 to Present

- Board of the Sacramento Valley Academy of Family Physicians
- California Legislative Affairs Committee

California Medical Association, 2020 to Present

- Vice-Chair of the Specialty Delegation Executive Committee
- Council on Health Professions and Quality of Care

American Diabetes Association, President of Sacramento Board & Chair of World Diabetes Day Coalition
2009-2013

PUBLICATIONS

Sutter Health Clinical Practice Guidelines

- Type 2 Diabetes Guidelines , Sutter Health (2018, 2019, 2021, 2023, 2024)
- Pre- and Post-Stroke Guideline, Sutter Health (2022)
- Back and Neck Pain Guideline, Sutter Health (2022)
- Heart Failure Guidelines, Sutter Health (2019, 2021)
- Hypertension Guidelines, Sutter Health (2014, 2016, 2018)
- Insulin Guideline, Sutter Health (2008, 2011, 2014, 2017)
- Lipid Guidelines, Sutter Health (2014, 2016)
- Chronic Kidney Disease Guidelines, Sutter Medical Foundation (2012)

Xu, X, Knapp, W, Das, S, Sturzu, A, Buss, K, Miller, K, Weirich, E, Sivanesan, K, Smucny, J, MacMillan , M and Yan, S. Ejection Fraction Extraction from Echocardiography Reports with an Application of Computerized Algorithm. Abstract. Health Care Systems Research Network Conference, April, 2020.

Greenwood, D.A., Hankins, A., Parise, C., Spier, V., Olveda, J., and Buss, K. (2014). A Comparison of In-person, Telephone, and Secure Messaging for Type 2 Diabetes Self-Management Support. *The Diabetes Educator*, 40(4), 516-525.

Greenwood, D. A., Kramer, K., Hankins, A., Parise, C., Fox, A., and Buss, K. (2014). Adapting the Group Lifestyle Balance™ Program for Weight Management within a Large Healthcare System Diabetes Education Program. *The Diabetes Educator*, 40(3), 299-307.

Greenwood, D.A., Lipman, R.D., Buss, K., and Bagley, B. (2013) Self-Management of Type 2 Diabetes? Yes! *Journal of Family Practice*, 62(12), 699.

Greenwood, D., Parise, C., MacAller, T., Hankins, A., Harms, K., Pratt, L., Olveda, J., and Buss, K. (2012) Utilizing Clinical Support Staff and Electronic Health Records to Increase Tobacco Use Documentation and Referrals to a State Quitline. *The Journal of Vascular Nursing*. 40(4), 107-111.

Buss, K., Greenwood, D., Ellyne, D., Fox, A., Leahy, A., Mix, A., Perelman, D., Reynolds, D., Schatzman, B., Spier, V. (2021) Understanding Type 2 Diabetes: Your Guide to Healthy Living. Sutter Health.

Inhorn M.C., Buss K.A. (1994) Ethnography, Epidemiology and Infertility in Egypt. *Social Science and Medicine*. 29, 671-686.

Inhorn M.C., Buss K.A. (1993) Infertility, Infection, and Iatrogenesis in Egypt: The Anthropological Epidemiology of Blocked Tubes. *Medical Anthropology*. 15, 217-244.

Ostermeyer E.A., Newman B., Rowell S.E., Buss K.A., Nickerson D.A., Good L., King M.C. (1993) Genetic Analysis of Systemic Lupus Erythematosus. *American Journal of Human Genetics*. 53, 205.

Williams C.S., Buss K.A., Eskenazki B. (1992) Infant Resuscitation is Associated with an Increased Risk of Left-Handedness. *American Journal of Epidemiology*. 136, 277-286.