

Kaiser Permanente is an innovator in using research to find answers to important questions and use that knowledge to improve clinical practices, care delivery, and health outcomes. Researchers at Kaiser Permanente Southern California have a wide range of expertise. Scientists partner with clinicians to identify clinically relevant questions and bring findings into clinical practice. For more information, visit [kp.org/research](http://kp.org/research).

## Research Scientists

### **Annette L. Adams, PhD, MPH**

- Pharmacologic influences on bone health and fractures
- Screening, treatment, and outcomes of osteoporosis
- Outcomes associated with long-term bisphosphonate use
- Fall and fracture risks

### **Jaejin An, PhD**

- Pharmacoepidemiology
- Cardiovascular disease
- Clinical and economic outcomes
- Medication adherence

### **Chun Chao, PhD, MS**

- Cervical cancer prevention and screening
- Lymphoid malignancies
- Outcomes in cancer survivors

### **Karen J. Coleman, PhD, MS**

- Health equity
- Mental health
- Bariatric surgery

### **Kim N. Danforth, ScD, MPH**

- Cancer epidemiology and prevention
- Cancer care quality and survivorship
- Patient safety in ambulatory care
- Health services and implementation research

### **Darios Getahun, MD, PhD, MPH**

- Population-based studies related to perinatal and child health issues
- Environmental, genetic, and perinatal effects on pregnancy outcomes
- Fetal origin of childhood diseases

### **David Glass, PhD**

- Physician/patient decision making
- Patient decisions on sites of care
- End-of-life issues

### **Michael K. Gould, MD, MS**

- Quality of care in thoracic oncology
- Diagnosis, prevention, and treatment of venous thromboembolism
- Comparative effectiveness research
- Development and implementation of clinical practice guidelines

### **Erin E. Hahn, PhD, MPH**

- Quality of cancer care
- Cancer survivorship
- Clinical practice guidelines and evidence-based practices

### **Reina Haque, PhD, MPH**

- Breast cancer and women's health
- Cancer epidemiology, molecular markers of risk and survival
- Cancer survivorship
- Pharmacoepidemiology

**Rulin Hechter, MD, PhD**

- HIV prevention and care outcomes
- Integrated substance abuse treatment
- Vaccine safety and effectiveness

**Steven J. Jacobsen, MD, PhD**

- Men's urologic health
- Vaccine safety and effectiveness
- Renal diseases

**Aniket A. Kawatkar, PhD, MS**

- Health economics
- Patient-reported outcomes
- Discrete choice conjoint experiments

**Corinna Koebnick, PhD, MSc**

- Obesity epidemiology
- Pediatric preventive care services
- Chronic disease outcomes

**Jean M. Lawrence, ScD, MPH, MSSA**

- Maternal and child health epidemiology
- Diabetes in children and young adults
- Transitions of care for childhood to adulthood
- Risk factors and outcomes of gestational diabetes

**Brian S. Mittman, PhD**

- Implementation/improvement science
- Delivery system science
- Patient-centered outcomes research

**Claudia Nau, PhD**

- Social determinants of health
- Obesity and chronic disease
- Quantitative methods
- Cross-sectorial collaborations

**Sonya Negriff, PhD**

- Child maltreatment/early trauma
- Puberty
- Social media
- Mental health

**Huong Q. Nguyen, PhD, RN**

- Physical activity monitoring and coaching
- Collaborative care for complex and advanced illnesses
- Care transitions

**Lei Qian, PhD**

- Vaccine effectiveness and safety
- Assessment of systematic intervention effects
- Self-controlled study design
- Statistical methods

**Kristi Reynolds, PhD, MPH**

- Chronic disease epidemiology
- Cardiovascular outcomes
- Medication adherence

**Adam L. Sharp, MD, MS**

- Health services/ implementation research
- Emergency imaging and hospital admissions
- Social determinants

**Ernest Shen, PhD**

- Statistical methods and study design
- Structural equation modeling
- Bayesian statistics
- Health services research

**Jiaxiao M. Shi, PhD**

- Statistical methods
- Study design and data analysis
- Pharmaceuticals and breast cancer risk
- Chronic kidney disease, hypertension, and cardiovascular risk

**Margo A. Sidell, ScD, MSPH**

- Biostatistics
- Health behaviors
- Physical activity, diet, and environments

**Jeff Slezak, MS**

- Bladder cancer
- Prostate cancer
- Vaccine safety
- Predictive modeling

**Sara Yee Tartof, PhD, MPH**

- Vaccine safety and effectiveness
- Hospital-acquired infections
- Antibiotic stewardship/resistance

**William J. Towner, MD**

- Infectious disease clinical trials
- HIV and hepatitis C
- Complex chronic disease management

**Hung Fu Tseng, PhD, MPH**

- Vaccine safety and effectiveness
- Infectious diseases surveillance
- Cancer epidemiology
- Genetic epidemiology

**Anny Hui Xiang, PhD**

- Diabetes and gestational diabetes
- Clinical trials: study design, monitoring, data analysis
- Biostatistics: application and problem solving

**Deborah Rohm Young, PhD, MBA**

- Physical activity and cardiovascular disease risk factors
- Community-based physical activity/obesity prevention
- Targeted food marketing to minority youth
- African-American cardiovascular health

## Affiliated/Associate Investigators

**Somjot S. Brar, MD, MPH**

- Cardiovascular disease and risk factors
- Medical devices and interventional procedures
- Clinical trials and meta-analysis

**Sirichai Chayasirisobhon, MD**

- Mechanism of refractory epilepsy
- Vagus nerve stimulation for epilepsy
- Clinical trials of new antiepileptic drugs

**R. James Dudl, MD**

- Cardiovascular disease prevention
- Diabetes complication prevention
- Glucose control for patients with diabetes
- Self-care for diabetes

**Donald S. Fong, MD, MPH**

- Clinical trials
- Diabetic retinopathy
- Age-related maculopathy

**Annette M. Langer-Gould, MD, PhD, MS**

- Multiple sclerosis
- Neuroepidemiology
- Prognosis of chronic diseases

**George F. Longstreth, MD**

- Irritable bowel syndrome
- Acute lower bowel ischemia
- Acute diverticulitis
- Gastrointestinal epidemiology

**David A. Sacks, MD**

- Screening for gestational diabetes
- Diabetes during and after pregnancy
- Prevention of gestational diabetes
- Technology-enabled management of diabetes in pregnancy

**Michael Schatz, MD, MS**

- Asthma outcomes
- Quality-of-life measures for asthma
- Asthma and pregnancy

**Robert S. Zeiger, MD, PhD**

- Prevention of asthma and allergic disorders
- Clinical trials of asthma treatments
- Outcomes research

## Adjunct Investigators

**Dennis Black, PhD**

- Osteoporosis
- Clinical trials

**Paul Munter, MD**

- Blood pressure measurement
- Cardiovascular disease prevention and treatment
- Pharmacoepidemiology

**Lauren Wallner, PhD, MPH**

- Quality of breast and prostate cancer care
- Outcomes after cancer treatment
- Cancer care coordination

## Clinician Investigators

### **Bobeck S. Modjtahedi, MD**

- Prediction analysis
- Population-based studies and care delivery
- Clinical outcomes analysis
- Telemedicine and e-health

### **Casey Ng, MD**

- Kidney stone prevention
- Evaluation of asymptomatic microscopic hematuria
- Effects of kidney cancer treatment on renal function and survival

### **Chunyuan Qiu, MD, MS**

- Anesthesiology
- Pain medicine
- Perioperative medicine

### **Joan J. Ryoo, MD, MSHS**

- Radiation oncology
- Quality of cancer care

### **Navdeep Sangha, MD**

- Ischemic stroke
- Intracerebral hemorrhage
- Hospital-based systems of care and their application toward stroke
- Telestroke

### **Hui Xue, MD, MMSc**

- Chronic renal disease progression
- Dialysis-related outcomes
- Kidney transplantation

### **Emily L. Whitcomb, MD**

- Pelvic floor disorders, including urinary and fecal incontinence
- Pelvic organ prolapse

### **Bechien Wu, MD**

- Acute pancreatitis
- Chronic pancreatitis
- Cystic neoplasms of the pancreas
- Gastric and pancreatic cancer

## Research Fellows

### **Tracy Becerra-Culqui, PhD, MPH**

- Neurodevelopmental disorders
- Exposures during pregnancy
- Vaccine safety
- Health equity

### **Katia Bruxvoort, PhD, MPH**

- Vaccine safety and effectiveness
- Infectious diseases
- Treatment adherence
- Antimicrobial resistance

### **Lisa P. Oakley, PhD, MPH**

*Epidemic Intelligence Service Officer  
Centers for Disease Control and Prevention*

- Maternal and child health
- Infectious disease
- Social epidemiology
- Health equity