HEALTH RESEARCH & POLICY: FACULTY

BIOSTATS FACULTY		RESEARCH INTERESTS
	Philip Lavori, PhD Professor and Chair of the Dept. of Health Research & Policy; Professor (by courtesy) of Statistics http://med.stanford.edu/profiles/Philip_Lavori/	Innovative study design and better biostatistical methodologies for answering clinical questions.
	Robert Tibshirani, PhD Professor and Associate Chair of the Dept. of Health Research & Policy; Professor of Statistics http://med.stanford.edu/profiles/Robert_Tibshirani/	Develops statistical tools for the analysis of complex datasets, most recently in genomics and proteomics. http://www-stat.stanford.edu/~tibs/
	Richard Olshen, PhD Chief, Division of Biostatistics; Professor of Health Research & Policy and (by courtesy) of Statistics and Electrical Engineering http://med.stanford.edu/profiles/Richard_Olshen/	Studies of longitudinal data analysis for gait analysis, cholesterol levels, renal physiology, and genetics. Recently, successive normalization of rectangular arrays of data, genome-wide association studies of mean arterial blood pressure, and strategies for treating HIV/AIDS. http://www-stat.stanford.edu/~olshen/
	Chiara Sabatti, PhD Associate Professor of Health Research & Policy and (by courtesy) of Statistics http://med.stanford.edu/profiles/Chiara_Sabatti/	Statistical methods for the analysis of high-throughput genomic data, with special focus on understanding transcription regulation and the genetic basis of traits of interest. http://www-stat.stanford.edu/~sabatti/
	Trevor Hastie, PhD Professor of Statistics and of Health Research & Policy http://med.stanford.edu/profiles/Trevor_Hastie/	Applied problems in biology and genomics, medicine, and industry, in particular data mining, prediction, and classification problems. http://www.stanford.edu/~hastie/
	Wing Wong, PhD Professor of Health Research & Policy and of Statistics http://med.stanford.edu/profiles/Wing_Wong/	New mathematical methods for analyzing high-throughput genetic data. http://www.stanford.edu/group/wonglab/
	Iain Johnstone, PhD Professor of Statistics and of Health Research & Policy http://med.stanford.edu/profiles/Iain_Johnstone/	Statistical signal processing and high-dimensional data analysis. Other interests include simulation methodology, volume tests of significance, hazard rate estimation and maximum entropy methods. http://www-stat.stanford.edu/people/faculty/johnstone/
	Bradley Efron, PhD Professor of Health Research & Policy and of Statistics http://med.stanford.edu/profiles/Bradley_Efron/	Theories of inference applied to biostatistical data, the bootstrap method, and high throughput data.

	Ying Lu, PhD Professor of Health Research & Policy http://med.stanford.edu/profiles/Ying_Lu/	Biostatistics, clinical trials, statistical evaluation of medical diagnostic tests, radiology, osteoporosis, meta-analysis, and medical decision-making.
	Marc Coram, PhD Assistant Professor of Health Research & Policy http://med.stanford.edu/profiles/Marc_Coram/	Theory and methodology of statistical inference within the latent structure of complex systems. Collaborating with the Cancer Center on data from phosphor-flow cytometry and protein arrays. http://www.stanford.edu/~mcoram/
	Lu Tian, ScD Assistant Professor of Health Research & Policy http://med.stanford.edu/profiles/Lu_Tian/	Developing statistical methods for survival analysis, causal inference and analyzing high-dimensional data. http://www.stanford.edu/~lutian/home.HTML
	Mei-Chiung Shih, PhD Assistant Professor of Health Research & Policy http://med.stanford.edu/profiles/Mei-Chiung_Shih/	Clinical trial design and analysis, sequential and adaptive experimentation, longitudinal data analysis, biomarker-based personalized medicine, vaccine safety monitoring, and comparative effectiveness research.
COURTESY FACULTY		RESEARCH INTERESTS
	Tze Leung Lai, PhD Professor of Statistics and (by courtesy) of Health Research & Policy http://med.stanford.edu/profiles/Tse_Lai/	Sequential analysis, stochastic approximation and recursive estimation, adaptive control of linear stochastic systems and Markov decision processes, saddlepoint approximations and boundary-crossing probabilities in Markov random walks and random fields, and survival analysis. http://www-stat.stanford.edu/~ckirby/lai/
	Manisha Desai, PhD Associate Professor of Medicine (Research) and (by courtesy) of Health Research & Policy http://med.stanford.edu/profiles/Manisha_Desai/	Director of Quantitative Sciences Unit (QSU) http://medicine.stanford.edu/research/quantitive_welcome.html
	David Rogosa, PhD Associate Professor in Education and (by courtesy of Health Research & Policy and Natural Sciences Cluster	Statistical issues in educational assessment and accountability. Statistical methods for longitudinal research (especially for studies of learning and development), methods for the collection and analysis of observations of behavior (particularly in research on teaching), and statistical methods for large-scale educational assessments.

RESEARCH SCIENTISTS	RESEARCH INTERESTS

	"Naras" Balasubramanian Narasimhan, PhD Director of Data Coordinating Center and Senior Research Scientist http://www-stat.stanford.edu/people/faculty/narasimhan/	Develops and uses modern tools for statistical computing, including a number of tools for seamless clinical trial designs. http://www-stat.stanford.edu/~naras/
	Alex McMillan, PhD Senior Research Scientist	Research design and statistical modeling in medicine and other areas of applied biology. Statistical theory.
	Brit Boyer Turnbull, PhD Senior Research Scientist in Biostatistics Lecturer http://www.stanford.edu/~bkatzen/	Teaches HRP 262 – Intermediate Biostatistics: Regression, Prediction, Survival Analysis, and HRP 258 – Statistics for Clinical Research
	Jerry Halpern, PhD Staff Emeritus	Statistical computing, biostatistics.
LECTURERS		RESEARCH INTERESTS
	Ray Balise, PhD Senior Lecturer in Biostatistics https://stanfordwho.stanford.edu/SWApp/lookup?search=raymond%20balise	Statistical computing, biostatistics. http://www.stanford.edu/~balise/
	Irene Corso, PhD Senior Lecturer in Health Research & Policy http://med.stanford.edu/profiles/Irene_Corso/	Doctor-patient relationship and communication strategies as they pertain to the development and instruction of medical Spanish curriculum, satisfaction in health care delivery with emphasis on cross cultural competency issues, and the effectiveness of interpretive systems in health care settings.
	Corinna Haberland, MD Lecturer and Stanford Health Policy Associate; Research scientist, Kaiser Permanente Northern California Division of Research http://healthpolicy.stanford.edu/people/corinna_haberland	Working to establish pediatric quality indicators. Focused on pediatric and neonatal care.
CONSULTING FACULTY		
	Laurel Habel, PhD Consulting Professor in Epidemiology http://www.dor.kaiser.org/external/Laurel_Habel/	The etiology and progression of cancer and precursor lesions for cancer; mammographic density and other biomarkers of disease risk or progression; and the association between use of medications and cancer risk.

	De-Kun Li, MD, PhD, MPH Consulting Professor and senior research scientist at Kaiser Permanente http://www.dor.kaiser.org/external/De-Kun_Li/	Reproductive, perinatal, and pediatric epidemiology, such as etiology of miscarriage, sudden infant death syndrome, preterm delivery, pre-eclampsia, low birth, infertility, cerebral palsy, birth defects, and pediatric diseases.
	Caroline Tanner, MD, PhD Consulting Professor and Director of Clinical Research, The Parkinson's Institute and Clinical Center http://www.thepi.org/staff-directory/clinic-providers/caroline-tanner/	Her clinical practice specializes in movement disorders, particularly Parkinson's disease (PD), atypical parkinsonism and dystonia.
EMERITI		RESEARCH INTERESTS
	Victor Fuchs, PhD Emeritus Faculty, Health Research & Policy http://fsi.stanford.edu/mediaguide/Victor_R_Fuchs/	Cost of medical care and on determinants of health, with an emphasis on the role of socioeconomic factors and physician behavior. His current research focuses on health care reform, income inequality, and the economics of aging.
	Daniel Bloch, PhD Emeritus Faculty, Health Research & Policy http://med.stanford.edu/profiles/Daniel_Bloch/	
	John Farquhar, MD Professor Emeritus, Medicine http://med.stanford.edu/profiles/John_Farquhar/	Cardiology, cardiovascular medicine, chronic disease prevention, global cancer prevention.
	Jennifer Kelsey Emeritus Faculty (Academic Council)	

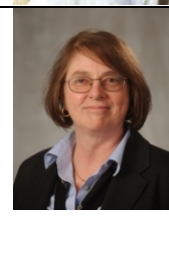|		
EPI FACULTY		
	Victor Henderson, MD Professor of Health Research & Policy and of Neurology & Neurological Sciences http://med.stanford.edu/profiles/Victor_Henderson/	Pharmacological and behavioral interventions to remediate cognitive aging and to improve symptoms of dementia. One major emphasis concerns the role of estrogens and other sex steroids in human cognition and dementia.
	Alice Whittemore, PhD Professor of Health Research & Policy http://med.stanford.edu/profiles/Alice_Whittemore/	Genetic and environmental factors in determining cancer risks. Breast cancer and genomics. http://www.stanford.edu/~alicesw/

	Abby C. King, PhD Professor of Health Research & Policy and of Medicine http://med.stanford.edu/profiles/Abby_King/	Chronic disease prevention using behavioral theory. Health promotion strategies among aging and minority populations.
	Steven Goodman, MD, PhD Chief, Division of Epidemiology; Professor of Medicine and of Health Research & Policy http://med.stanford.edu/profiles/Steven_Goodman/	Evidence in medical research, and determinants of the truth of medical findings, using a Bayesian framework. Evidence synthesis, comparative effectiveness research, and the ethics of clinical research.
	John Ioannidis, MD, DSc Professor of Medicine and of Health Research & Policy, and (by courtesy) of Natural Sciences Cluster http://med.stanford.edu/profiles/John_Ioannidis/	Epidemiology of neurodegenerative disorders, including Parkinson's disease, amyotrophic lateral sclerosis and multiple sclerosis, and genetic epidemiology and epidemiologic methods including techniques quantifying gene-environment interaction. http://aces.stanford.edu
	"Betty" Yvonne Maldonado, MD Professor of Medicine and of Health Research & Policy http://med.stanford.edu/profiles/Yvonne_Maldonado/	Epidemiologic aspects of viral vaccine development and prevention of perinatal HIV transmission. Ontogeny of the immune response to measles vaccine among young infants.
	Julie Parsonnet, MD Professor of Medicine and of Health Research & Policy http://parsonnet.stanford.edu	http://med.stanford.edu/profiles/Julie_Parsonnet/
	Lorene Nelson, PhD Associate Professor of Health Research http://med.stanford.edu/profiles/Lorene_Nelson/	Epidemiology of neurodegenerative disorders, genetic epidemiology and epidemiologic methods including techniques quantifying gene-environment interaction and epidemilogy of autoimmune disorders. http://aces.stanford.edu
	Julia Simard, ScD Assistant Professor of Health Research & Policy	
	Rita Popat, PhD Clinical Assistant Professor of Health Research & Policy http://med.stanford.edu/profiles/Rita_Popat/	Epidemiology of Parkinson's disease and amyotrophic lateral sclerosis, specifically evaluating the genetic and environmental contributions to these neurodegenerative disorders. I am also interested in studying the relation of cognition, estradiol exposure (endogenous and exogenous), and genetic factors.

	Kristin Sainani, PhD Clinical Assistant Professor of Health Research & Policy http://med.stanford.edu/profiles/Kristin_Sainani/	Science writing, science communication, biostatistics. Research areas: osteoporosis, stress fractures, sports injuries, female athlete triad.
	Weiva Sieh, PhD Assistant Professor of Health Research & Policy http://med.stanford.edu/profiles/Weiva_Sieh/	Genetic epidemiology; cancer epidemiology; ovarian, breast, and prostate cancer.
	Allison Kurian, MD, MSc Assistant Professor of Medicine and of Health Research & Policy http://med.stanford.edu/profiles/allison-kurian	The epidemiology, prevention, and outcomes of women's cancers. This work is highly collaborative within the Stanford Divisions of Oncology and Epidemiology, with the Stanford Department of Radiology and Center for Biomedical Informatics Research, and with the Cancer Prevention Institute of California.
RESEARCH SCIENTISTS		
	Gail Gong, PhD Senior Research Scientist	
	Valerie McGuire Senior Research Scholar http://med.stanford.edu/profiles/Helen_McGuire/	Evaluating the genetic and environmental contributions to neurodegenerative disorders (specifically Parkinson's disease and amyotrophic lateral sclerosis) and to cancers of the breast, ovary and prostate.
CONSULTING FACULTY		
	Gary D. Friedman, MD, MS Consulting Professor of Health Research & Policy http://med.stanford.edu/profiles/Gary_Friedman/	Chronic disease epidemiology, particularly cancer, cardiovascular disease, adverse effects of smoking, alcohol and pharmaceuticals, evaluation of screening tests. http://www.dor.kaiser.org/external/Gary_Friedman/
	Dee W. West, Professor Honorary Faculty Emeritus of Health Research & Policy http://med.stanford.edu/profiles/cancer/faculty/Dee_West/	Cancer etiology (diet and familial), cancer surveillance, and cancer outcomes. Director of the Northern California Cancer Center (NCCC) from 1992-2002, currently Chief Scientific Officer. Professor of Epidemiology and Associate Director of Population Sciences at the Stanford Comprehensive Cancer Center, since 2005.
	Ellen Chang, ScD Managing Scientist (Consultant), Exponent, Inc. http://med.stanford.edu/profiles/Ellen_Chang/	Epidemiology of Hodgkin lymphoma, Non-Hodgkin lymphoma, Hepatocellular carcinoma, Nasopharyngeal carcinoma and lung cancer in non-smokers.

	Christina Clarke-Dur, PhD Consulting Assistant Professor of Health Research & Policy http://med.stanford.edu/profiles/Christina_Clarke/	Breast cancer, Lymphoid malignancies, Cancer surveillance, and Patient-centric epidemiology.
	Gary Friedman, MD Consulting Professor of Health Research & Policy http://med.stanford.edu/profiles/Gary_Friedman/	Chronic disease epidemiology, particularly cancer, cardiovascular disease, adverse effects of smoking, alcohol and pharmaceuticals, evaluation of screening tests.
	Sally Glaser, PhD CEO, Cancer Prevention Institute of California http://med.stanford.edu/profiles/Sally_Glaser/	Hodgkin lymphoma, breast cancer, and surveillance research.
	Scarlett Gomez, PhD Consulting Associate Professor of Health Research & Policy; Co-Investigator, Cancer Prevention Institute of California http://med.stanford.edu/profiles/Scarlett_Gomez/	Cancer incidence, treatment, and survival data for racial/ethnic groups, with a particular focus on specific Asian ethnic subgroups, with methodologic assessments directed toward improvements of cancer registry and hospital admissions data on race, ethnicity, and birthplace.
	Laurel Habel, PhD Consulting Professor in Epidemiology http://www.dor.kaiser.org/external/Laurel_Habel/	The etiology and progression of cancer and precursor lesions for cancer; mammographic density and other biomarkers of disease risk or progression; and the association between use of medications and cancer risk.
	Pamela Horn-Ross, PhD Consulting Professor of Health Policy & Research; Senior Research Scientist, Cancer Prevention Institute of California http://med.stanford.edu/profiles/Pamela_Horn-Ross/	Nutrition and the etiology of hormonally-dependent cancers in women (most particularly breast, endometrial, and thyroid cancers).
	Ann Hsing, PhD Director of Research, Cancer Prevention Institute of California http://www.cpic.org/site/c.skI0L6MKJpE/b.7942585/k.C564/Scientist_Profiles.htm	
	Esther John, PhD Consulting Professor of Health Research & Policy; Co-Leader, Cancer Epidemiology, Stanford Cancer Center	
	Theresa Keegan, PhD Consulting Assistant Professor of Health Research & Policy; Research Scientist, Cancer Prevention Institute of California http://med.stanford.edu/profiles/Theresa_Keegan/	
	Gem Le, PhD Consulting Assistant Professor of Health Research & Policy; Research Scientist, Cancer Prevention Institute of California	
	De-Kun Li, MD, PhD, MPH	Reproductive, perinatal, and pediatric epidemiology, such as

	Consulting Assistant Professor of Health Research & Policy; Senior Research Scientist, Kaiser Permanente http://www.dor.kaiser.org/external/De-Kun_Li/	etiology of miscarriage, sudden infant death syndrome, preterm delivery, pre-eclampsia, low birth, infertility, cerebral palsy, birth defects, and pediatric diseases.
	George Lundberg President and Chair of the Board of Directors of The Lundberg Institute http://thelundberginstitute.melindaroberts.net/index.php?option=com_content&view=article&id=4&Itemid=4	
	Bang Nguyen, DrPH Institution Review Board, Cancer Prevention Institute of California http://med.stanford.edu/profiles/Bang_Nguyen/	prevention and early detection of breast, cervical, colorectal, and liver cancer.
	Ingrid Oakley-Girvan, PhD Consulting Assistant Professor of Health Research & Policy; Research Scientist, Cancer Prevention Institute of California http://www.cpic.org/site/c.skI0L6MKJpE/b.5730383/k.C4AA/Scientist_Profiles.htm	Evaluating factors associated with racial disparities in prostate and breast cancer diagnosis, progression and survival Evaluating genetic factors and gene/environment interactions involved in prostate and breast cancer incidence, progression and survival
	Thu Quach, PhD Consulting Assistant Professor of Health Research & Policy; Research Scientist, Cancer Prevention Institute of California http://www.cpic.org/site/c.skI0L6MKJpE/b.5730935/k.C4EA/Scientist_Profiles.htm	immigrant populations to examine environmental, occupational and socio-cultural factors which may influence their health.
	Peggy Reynolds, PhD Consulting Assistant Professor of Health Research & Policy; Senior Research Scientist, Cancer Prevention Institute of California http://med.stanford.edu/profiles/Peggy_Reynolds/	the environmental influences in the etiology of breast cancer and cancers in children. She has also conducted research in the role of second hand smoking in the development of cancers of the lung, breast and colon.
	Salma Shariff-Marco, PhD Research Scientist, Cancer Prevention Institute of California http://www.cpic.org/site/c.skI0L6MKJpE/b.6596733/k.C48F/Scientist_Profiles.htm	Understanding the role of social determinants (e.g., discrimination, socioeconomic status and immigration) across the cancer control spectrum Evaluating the influence of contextual factors that influence health behaviors Exploring methodological issues relevant to cancer health disparities research
	Caroline Tanner, MD, PhD Consulting Professor and Director of Clinical Research, The Parkinson's Institute and Clinical Center http://www.thepi.org/staff-directory/clinic-providers/caroline-tanner/	Her clinical practice specializes in movement disorders, particularly Parkinson's disease (PD), atypical parkinsonism and dystonia.

HSR FACULTY	

	Laurence Baker, PhD Chief, Division of Health Services Research; Professor of Health Research & Policy http://med.stanford.edu/profiles/Laurence_Baker/	Impacts of changing financial incentives, regulations, and organizational structures on health care costs. Studying impacts of managed care and related insurance arrangements on things like health care costs, the pricing of physician services, prices for health insurance, and the availability and utilization of medical technologies.
	Mark Hlatky, MD Director HSR Degree Program; Professor of Health Research & Policy http://med.stanford.edu/profiles/Mark_Hlatky/	Cost effectiveness and safety of cardiac interventions
	M. Kate Bundorf, PhD Associate Professor of Health Research & Policy http://med.stanford.edu/profiles/Mary_Bundorf/	Health insurance markets including the determinants and effects of individual and purchaser choices, the effects of regulation in insurance markets, the interaction of public and private systems of health insurance, and incentives for insurers to improve health care quality.
COURTESY FACULTY		
	"Jay" Bhattacharya, PhD Associate Professor of Medicine, and (by courtesy) of Social Sciences Cluster and Health Research & Policy http://med.stanford.edu/profiles/Jayanta_Bhattacharya/	Constraints that vulnerable populations face in making decisions that affect their health status, as well as the effects of government policies and programs designed to benefit vulnerable populations. http://www.stanford.edu/~jay/
	Jeremy Goldhaber-Fiebert PhD Assistant Professor of Medicine and (by courtesy) of Health Research & Policy http://med.stanford.edu/profiles/Jeremy_Goldhaber-Fiebert/	Complex policy decisions surrounding the prevention and management of increasingly common, chronic diseases and the life course impact of exposure to their risk factors. http://healthpolicy.stanford.edu/people/jeremygoldhaberfiebert/
	Mary Kane Goldstein, MD, MS Professor of Medicine and (by courtesy) of Health Research & Policy; Director, Geriatrics Research Education and Clinical Center (GRECC), VA Palo Alto Health Care System http://med.stanford.edu/profiles/Mary_Goldstein/	Health services research in primary care and geriatrics applying health informatics for quality improvement in health care. http://healthpolicy.stanford.edu/people/Mary_K_Goldstein
	N. Grant Miller PhD Associate Professor of Medicine and (by courtesy) of Health Research & Policy http://healthpolicy.stanford.edu/people/grantmiller	Health and development economics and economic demography. http://www.stanford.edu/~ngmiller/

	Doug Owens, MD Director of the Center for Primary Care and Outcomes Research (PCOR); Professor of Medicine and (by courtesy) of Health Research & Policy and Management Science and Engineering http://med.stanford.edu/profiles/Douglas_Owens/	Better technologies and methods for clinical decision making, human immunodeficiency virus (HIV) and cardiovascular disease, model-based practice and screening guidelines. http://healthpolicy.stanford.edu/people/douglaskowens/
	Daniel Kessler, JD, PhD Professor of Law and (by courtesy) of Health Research & Policy http://med.stanford.edu/profiles/frdActionServlet?choiceId=facProfile&fid=7907	Empirical research in law and economics, industrial organization, and the economics of health care. http://healthpolicy.stanford.edu/people/daniel_p_kessler
	Alex Macario, MD Professor of Medincine and (by courtesy) of Health Research & Policy	The economics of health care, in particular the tradeoffs between costs and outcomes for patients having surgery and anesthesia. http://med.stanford.edu/anesthesia/education/
	Paul Heidenreich, MD Professor of Medicine and (by courtesy) of Health Research & Policy http://med.stanford.edu/profiles/Paul_Heidenreich/	Cost-effectiveness of new cardiovascular technologies, i.e., left ventricular systolic dysfunction tests, interventions to improve the quality of care of patients with heart disease, and outcomes research using existing clinical and administrative datasets.
	Paul H. Wise, MD, MPH Professor of Medicine and (by courtesy) of Health Research & Policy http://med.stanford.edu/profiles/Paul_Wise/	Health policy and outcomes research focused on children's health; disparities by race, ethnicity and socioeconomic status; the interaction of genetics and the environment as these factors influence child and maternal health; and the impact of medical technology on disparities in health outcomes.
	Wolfgang Winkelmayer, MD, ScD Associate Professor of Medicine and (by courtesy) of Health Research & Policy	Drug utilization and comparative effectiveness research in kidney disease, cardiovascular disease, and diabetes.
CONSULTING PROFESSORS		
	Alan Go, PhD **Kaiser Permanente**	
	Todd Wagner *Consulting Associate Professor in Health Research and Policy and Health economist with the VA Palo Alto Health Care System; Stanford Health Policy Associate*	

HSR:

Go, Alan	Professor

Wagner, Todd	Associate Professor