The Predoctoral and Postdoctoral training programs for research on aging and chronic disease emphasize integration of evidence from populations to translational applications in practice and policy. It focuses on chronic diseases and aging, including Alzheimer's disease and related disorders, cancer, muculoskeletal and cardiometabolic disorders. Four unique strengths of the program are:

- Integration of population and implementation science research
- Didactic and experiential training using implementation science to prevent and delay incidence and progression of major aging-related chronic conditions
• Emphasis on rigorous methods for longitudinal research in complex data sets
• Use of multi-level data linkages, including genomics, clinical information drawn from electronic medical records, and environmental or social profiles.

The implementation science and translational components of the program focus on clinical practice, interventions, and health policy.

The program emphasizes development of trainees as independent researchers in a new era of translational science, big data, and aging and chronic disease epidemiology.

How to Apply

Scientists eligible for this program must demonstrate a strong interest in aging and chronic disease. Trainees must be citizens or non-citizen nationals of the US or have been admitted for permanent residency. Interested candidates should send a letter and CV summarizing your interests and background. We will contact you for more detailed information and to assist in finding a mentor. Postdoctoral program applicants should include a two-page prospectus of research goals, support letters from mentors, and reference letters from prior mentors. For more information, contact: Dr. Peggy Cawthon [1] for postdoctoral program or Maria M. Glymour [2] for predoctoral program. For the postdoctoral program, we will work with you to develop complete application materials, which will include CV, a two-page prospectus of research goals, support letters from a potential mentor at UCSF, and reference letters from prior mentors. Note that stipends for post-doctoral fellows in San Francisco are typically subsidized to account for differential cost of living.

The application deadline is December 1.

Faculty Mentors

General Aging

Maria Glymour [3], ScD, MS, Associate Professor of Epidemiology/Training T32 program director (methods, dementia, stroke, disparities)
Mary Haan [4], DrPH, MPH, Professor of Epidemiology (aging)
Neil Risch [5], PhD, Professor of Epidemiology, Director, Institute of Human Genetics (genetics and aging)

Biostatistics

Charles McCulloch [6], PhD, Professor of Biostatistics
John Neuhaus [7], PhD, Professor of Biostatistics
Eric Vittinghoff [8], PhD, Professor of Epidemiology

Cancer

Dejana Braithwaite [9], PhD, MS, Associate Professor of Epidemiology (breast cancer)
June Chan [10], DSc, Professor of Epidemiology and Urology (prostate cancer)
Robert A. Hiatt [11], MD, PhD, Chair, Department of Epidemiology and Biostatistics, Professor of Epidemiology (breast cancer)
Erin van Blarigan
Coronary Heart Disease, Kidney Disease

Michelle Albert, MD, MPH, Professor of Cardiology (disparities and heart disease)
Carmen Peralta, MD, MAS, Associate Professor of Nephrology (kidney disease and disparities)
Mark Pletcher, MD, PhD, Professor of Epidemiology (lifestyle, prevention)

Geriatrics

Richard Grant, MD, MPH, Associate Adjunct Professor and Research Scientist (diabetes, implementation)
Christine Ritchie, MD, Professor of Geriatrics (clinical translation, palliative care)

Implementation Science

Margaret Handley, PhD, MPD, Associate Professor of Epidemiology (behavioral interventions)

Neurology and Psychiatry

Deborah Barnes, PhD, Associate Professor of Psychiatry (dementia)
Amy Byers, PhD, MPH, Adjunct Assistant Professor of Psychiatry (mental health, depression)
Katherine Rankin, PhD, Professor of Neurology (neuropsychology)
Katie Stone, Professor of Epidemiology (sleep)
Caroline Tanner, MD, PhD, Professor of Neurology (Parkinson's disease)
Rachel Whitmer, PhD, Associate Professor of Epidemiology (dementia)
Kristine Yaffe, MD, Professor of Psychiatry, Neurology and Epidemiology (dementia, mental health)

Musculo-skeletal: Arthritis and Osteoporosis

Dennis Black, PhD, Professor of Epidemiology (osteoarthritis)
Peggy Cawthon, PhD, MPH, Professor of Epidemiology (osteoporosis)
Michael Nevitt, Adjunct Professor of Epidemiology (arthritis)
Ann Schwartz, PhD, MPH, Adjunct Professor of Epidemiology (osteoporosis)