UCSF Department of Epidemiology and Biostatistics: Postdoctoral Research Position in Cancer Biostatistics and Causal Inference

The Department of Epidemiology and Biostatistics at the University of California San Francisco (UCSF) is seeking a candidate with PhD in Statistics/Biostatistics for a two-year postdoctoral position with the earliest possible starting date of January 1, 2017. Position involves development of causal inference methodologies with application in big data driven comparative effectiveness research and collaborative research through the Helen Diller Family Comprehensive Cancer Center.

Qualifications:

Doctoral degree in Statistics, Biostatistics, or a related field; familiarity in Bayesian methods, experience programming in R, analyses of observational data, and machine learning techniques are encouraged. Excellent communication and writing skills desired.

Please send a cover letter, CV, and three references to: miok.kim@ucsf.edu
Applications are invited for a full time postdoctoral position in the Division of Chronic Diseases, Department of Epidemiology and Biostatistics, University of California, San Francisco (UCSF). Applicants with a Ph.D. in Epidemiology or Biostatistics or similar field, have a strong interest in musculoskeletal clinical issues and a strong track record in research as demonstrated by high quality peer reviewed publications are encouraged to apply. We will also consider M.D.s with a Master’s Degree in Epidemiologic Methods or similar training in clinical research.

The postdoctoral will perform research leading up to the development of an independent NIH grant application utilizing existing UCSF resources. Additional expectations include writing 2-3 first-authored manuscripts, making presentations in scientific meetings relevant to your research activities and participation in the departmental seminars and journal clubs. Experience in quantitative analysis of large scale data sets and strong analytical skills (preferably SAS) required. The position is funded through a NIA-funded T32 Aging and Chronic Disease grant.

Excellent resources are available through the UCSF Coordinating Center including many large clinical data sets which have been collected starting in 1987. These include large observational studies focused on osteoporotic fractures and on osteoarthritis. Some examples include the Study of Osteoporotic Fractures (SOF), the Osteoporotic Fractures in Men (MrOS) Study, the Osteoarthritis Initiative (OAI) and the Multicenter Osteoarthritis Study (MOST). In addition, there are a number of landmark randomized trials including the Fracture Intervention Trial (FIT) and the FLEX extension of alendronate, the PTH and alendronate trial (PaTH) and the HORIZON Pivotal Trials of Zoledronic acid which can serve as the basis for projects. Many of these studies include extensive imaging resources as well as biologic samples (e.g. serum, urine, DNA). In a new study coordinated by the Foundation for NIH, we have acquired data from all major trials in osteoporosis (about 125,000 patients) and are using them to explore with the FDA surrogate measures for future fracture trials. We are particularly interested in a candidate who will want to develop a research project using this unique and exciting database.

Key faculty who might serve as mentors include Dennis Black, Michael Nevitt, Ann Schwartz, Douglas Bauer, Nancy Lane or Steve Cummings.

For questions specifically related to the Musculoskeletal position, please contact: Lucy Wu (LWu@psg.ucsf.edu). For questions about research in other areas of Aging or Chronic Disease and more complete requirements for application, see the attached information sheet.
POSTDOCTORAL TRAINEE POSITIONS IN AGING AND CHRONIC DISEASE EPIDEMIOLOGY AT THE UNIVERSITY OF CALIFORNIA, SAN FRANCISCO, DEPARTMENT OF EPIDEMIOLOGY AND BIOSTATISTICS.

The UCSF Department of Epidemiology and Biostatistics is recruiting for postdoctoral trainees for the Training for Research on Aging and Chronic Disease (TE-TRAC). The program emphasizes integration of evidence from populations to translational applications in practice and policy. The faculty for this new training program is prominent in research and translation in the epidemiology of aging and chronic disease. The program is supported by a NIH T32 grant.

The TE-TRAC focuses on chronic diseases and aging, including Alzheimer’s disease and related disorders, cancer, musculoskeletal, and cardiometabolic disorders. Four unique strengths of our program are: (1) integration of population and implementation science research; (2) didactic and experiential training using implementation science to prevent and delay incidence and progression of major aging related chronic conditions; (3) emphasis on rigorous methods for longitudinal research in complex data sets; (4) 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 component of our program focuses on clinical practice, interventions and health policy.

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

Scientists eligible for this postdoc must (a) demonstrate a strong interest in aging and chronic disease; (b) possess a doctoral degree (PhD, MD, etc.) in a science closely related to epidemiology; (c) have prior training that includes knowledge of methods sufficient to support transition to independent research. Trainees must be citizens or non-citizen nationals of the USA or have been admitted for permanent residency.

Please send an initial letter and CV summarizing your interests and background. We will contact you for more detailed information and to assist you in finding a mentor.

Applications for a postdoc position will include: a 2-page prospectus of your research goals and support letters from mentors and reference letters from prior mentors. Enrollment is on a rolling basis. All materials are due Dec 1, 2016 this year.

For more information contact:
Dr. Mary N. Haan or Maria M. Glymour
Professor/Associated Professor
UCSF Department of Epidemiology and Biostatistics
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NIH Formal announcement