Associate Director, Population Science (Cancer)
Stanford Center for Population Health Sciences
Stanford Cancer Institute

The Stanford Cancer Institute is seeking a pre-eminent population health scientist to lead its program in Population Science and to serve as Associate Director for Cancer within the Stanford Center for Population Health Sciences.

In the era of rapidly evolving biologic tools, large and linkable datasets and advances in computer and biomedical data science, population level studies are becoming increasingly salient for the study of the causes and prevention of cancer, factors which enhance or impede diagnosis, treatment and survival and strategies for better control of the disease in individuals and whole populations. Stanford now seeks to expand its program in these many domains under dynamic new leadership.

Few Universities are better poised to lead the national and global efforts in cancer population health science. The Stanford Cancer Institute, a NCI-designated Comprehensive Cancer Center, has world-renowned programs in fundamental cancer and stem-cell biology, including a rich program in T_0 discovery science, with notable recent enrichment in the areas of cell- and gene-based therapies as well as small-molecules and biologics. Its population science program has considerable strengths in both cancer prevention and cancer epidemiology. The Cancer Center sees more than 20,000 new patient visits annually and the Cancer Clinical Trial Office leads the Medical School in scope and number of Phase I-III clinical trials. In addition, the Stanford Medicine health system has undergone enormous growth with a doubling of patient visits since 2012, and an increase in medical faculty to almost 3000. Particularly important during this growth has been the emergence of the Stanford Center for Population Health Sciences, bringing an extraordinary wealth of data opportunities, analysts and community resources to the study of health and disease in local, national and global populations. Our Clinical Translational Science Award has overseen the development of centralized resources to support clinical research across the translational spectrum, including our Clinical Translational Research Unit, standardized biobanking, and a novel cloud-based platform for analyzing large and secure datasets.

Beyond the Cancer Institute, the new leader will have at her/his disposal the resources of an incomparable research university with a reputation of strong inter-disciplinary collaboration between its medical school, home of 19 clinical and 11 basic science departments, including 7 Nobel laureates, and each of the other 6 schools, including its world-leading departments of computer science, biomedical data science, economics, and design. Eighteen independent centers and institutes link these schools, and serve as platforms for team science in environment, health and social policy.

The successful applicant should have doctoral training in a biomedical data science, cancer epidemiology or prevention and control research and/or a medical degree with comparable post-doctoral training. Some experience in a NCI-designated cancer center is desirable. She/he should have an established track record of published research in population health science sufficient to qualify for senior academic rank at Stanford. The research portfolio should provide evidence of experience with "team science," especially in relation to laboratory scientists (e.g. incorporation of biomarkers) and/or with social scientists. Finally, the candidate should evince strong leadership potential in academia or equivalent public or private research settings.

Faculty rank will be determined by the qualifications and experience of the successful candidate. The predominant criterion for appointment in the University Tenure Line is a major commitment to research and teaching. The major criteria for appointment in the Medical Center Line will be excellence in the overall mix of clinical care, clinical teaching, scholarly activity that advances clinical medicine, and institutional service appropriate to the programmatic need the individual is expected to fulfill.

Stanford is an equal employment opportunity and affirmative action employer. All qualified applicants will receive consideration for employment without regard to race, color, religion, sex, sexual orientation, gender identity, national origin, disability, protected veteran status, or any other characteristic protected by law. Stanford also welcomes applications from others who would bring additional dimensions to the University's research, teaching and clinical missions.

Interested candidates should submit an electronic 1-2 page cover letter describing their accomplishments, a CV, and a biographical sketch to http://facultyapplication.stanford.edu/.