



CANCER PREVENTION & RESEARCH INSTITUTE OF TEXAS

Award ID:
RP170259

Project Title:
CPRIT Cancer Prevention Research Training Program

Award Mechanism:
Research Training

Principal Investigator:
Chang, Shine

Entity:
The University of Texas M.D. Anderson Cancer Center

Lay Summary:

With this grant we will establish a cancer prevention research training program that prepares junior cancer prevention researchers to assume leadership roles as independent investigators in cancer prevention in Texas. Building on the successful strategies of an existing research training program funded by the National Cancer Institute for 25 years, it will equip postdoctoral fellows with the knowledge and skills to be in the forefront of cancer prevention science and to collaborate productively across basic, clinical, quantitative, and population sciences. The program has a multi-disciplinary emphasis, training selected junior researchers in clinical cancer prevention, behavioral cancer prevention, public health, epidemiology, cancer health disparities, and cancer control while ensuring that they receive outstanding preparation in superior quantitative methodologies. Trainees will conduct their research projects for 2 years while benefitting from a well-designed program of mentoring and coaching, professional development skills training including leadership and scientific communication skills, career advising, a specialized curriculum in cancer prevention and control, and the unmatched resources and environment of one of the world's largest research centers. A unique element of the proposed CPRIT program is the structured interdisciplinary mentoring team, which will include at least one mentor in a cancer prevention-related field and one mentor or advisor in quantitative/computational methodology. Because trainees and mentors may be appointed at a variety of Texas Medical Center institutions in addition to MD Anderson, this program will allow MD Anderson to bridge to and benefit from related research talent and expertise in the region. The ultimate goal of the program is to help build a cancer prevention research infrastructure in the State of Texas that attracts and retains world-class talent dedicated to the prevention and eradication of cancer.