

# CPRIT Postdoctoral Fellowship in Cancer Prevention Research

**Application deadline: Mon., Sept. 13, 2021, 11:59pm CDT**



- Open to all regardless of citizenship status. **International applicants must have a valid Visa to accommodate two years of training at MD Anderson.**
- Backgrounds in biomedical sciences, biostatistics, bioinformatics, epidemiology, behavioral sciences, social sciences, population and public health, and other disciplines relevant to cancer prevention are encouraged.
- Doctoral students must have satisfied degree requirements by the application deadline.
- Training in cancer prevention & quantitative methods.
- Up to 2 years support for salary at \$53,760/year.
- Allowance for research/professional development expenses.
- At least one MD Anderson mentor must subsidize year two (2) of the fellowship and supplement expenses.
- At least one mentor must have a faculty appointment at MD Anderson in DCPPS.
- Funded by an award from the Cancer Prevention & Research Institute of Texas (CPRIT), Grant Award # RP 170259, Drs. Shine Chang and Sanjay Shete, Principal Investigators.

Join us for an Informational Q&A session for applicants & mentors

Zoom url: <https://bit.ly/3ial9ad>

**Meeting ID: 869 9305 7375 Password: 086832**

**All times are in Central Daylight Time (CDT):**

- Applicant Sessions: 8/5 1pm, 8/17 1pm, 8/27 11am, 9/8 10am
- Mentor Sessions: 8/5 2pm, 8/17 Noon, 8/27 10am, 9/8 11am

Preference given to applicants with a mentor from one of our partnering institutions:



**excluding UTSPH**



For the application link & fellowship details:

**[bit.ly/CPRITPostdoc](https://bit.ly/CPRITPostdoc)**



## PROGRAM DESCRIPTION

With 30 years of continuous extramural funding, the CP RTP prepares scientists and clinicians leadership roles as research investigators in the field of cancer prevention and control. To date more than 600 trainees including college, graduate research, and health professional students and postdoctoral fellows have participated in mentored research experiences with established researchers in cancer prevention, in a specialized cancer prevention curriculum, and in innovative and evidence-based professional development training before launching to successful careers in the field. Programs within the CP RTP provide short-term (10 weeks) and long-term (2 years) training experiences to recruit and prepare individuals for research, leadership and career advancement.

## POSTDOCTORAL FELLOWSHIP PROGRAMS

In the **postdoctoral fellowship program** funded by the Texas-state funding agency CPRIT, our goals are to expand the existing perspective of the fellow by strengthening their knowledge of cancer prevention research and current disciplines and to provide them with rigorous preparation in novel quantitative methods, appropriate to the proposed cancer prevention research. With a special focus on career development and interdisciplinary collaboration, we seek trainees in basic biomedical sciences, biostatistics and bioinformatics, systems biology, epidemiology, genetics, behavioral and social sciences, economics, and related population, clinical, and public health disciplines.

Centered around mentored research in cancer prevention and control guided by experienced faculty mentors with complementary expertise, multidisciplinary training is accomplished through a robust training plan that is founded on rigorous quantitative methods, a specialized cancer prevention educational curriculum, an individual development plan, and career development activities. Trainees participate in mentored research; attend cancer prevention science seminars; present their research at scientific meetings; participate in professional development seminars; and publish in peer-reviewed journals. Trainees are immersed in the type of cross-disciplinary research environment characteristic of cancer prevention and control research, with the objective of launching the trainee in the role of principal investigator early in his or her career. The CP RTP is committed to building a demographically and scientifically diverse research workforce.

To help foster research collaborations in cancer prevention and control between MD Anderson and the other CPRIT Educational Research Institution partners, fellows are co-mentored by (1) a faculty member at MD Anderson's Division of Cancer Prevention and Population Sciences, and (2) faculty members at MD Anderson's partner institutions: University of Houston, Texas A & M University, Rice University, UTHealth (excluding UT School of Public Health). Non-MD Anderson faculty may serve as a primary or co-mentor from one of the institutions listed above.

**RESEARCH AREAS & BACKGROUND INTERESTS:** Much of the work and interests of mentors and trainees are relevant to cancer prevention research. We encourage these backgrounds and interests and others.

- Addiction (e.g., alcoholism, pharma & recreational drugs)
- Africans and African-American populations (including the Caribbean & others of African descent)
- Anesthesiology & Perioperative Medicine
- Asian populations
- Autoimmune diseases (e.g., HIV, AIDS, Lupus)
- Basic Science
- Behavioral Science
- Biology (e.g., cellular, molecular, physiology)
- Bioinformatics
- Biomedical science
- Biostatistics
- Breast cancer
- Cancer biology
- Cancer genomics
- Cancer immunotherapy
- Cancer medicine
- Cancer prevention, early detection & risk assessment
- Cardiology
- Chemistry (e.g., physical, organic, bio)
- Chemotherapy, Chemo-radiotherapy
- Community health
- Colorectal health
- Dentistry
- Dermatology
- Disabled populations
- Economics (e.g., Financial Toxicity)
- Education
- Epidemiology
- Engineering (e.g. biomedical, genetic)
- Exercise
- Experimental radiation
- Experimental therapeutics
- Gastrointestinal
- General oncology
- Genetics & Genomics
- Genitourinary medical oncology
- Global health
- Health communications
- Health disparities
- Health services research
- Hematopathology
- Hispanic & Latin populations
- Hormone therapy
- Immunology (e.g., clinical, systems)
- Infectious diseases (e.g., Hepatitis)
- Indian populations
- Kinesiology
- Laboratory science
- LGBTQ+ populations
- Lymphoma & Myeloma
- Mental health
- Military/Veteran populations
- Molecular bioscience
- Nanotechnology
- Native American populations
- Nursing
- Nutrition
- Older adults
- Obesity, Weight Management
- Obstetrics & Gynecology
- Pharmacy, Pharmacology
- Physical therapy
- Palliative Care & Integrative Medicine
- Pediatrics
- Physics
- Population Health
- Psychology
- Public Health
- Reproductive Medicine
- Rehabilitation (e.g., Occupational Therapy, Physical Therapy)
- Respiratory Care
- Social Science
- Surgery
- Survivorship
- Systems Biology
- Tobacco Cessation & Control
- Translational & many others!