The team consist of interdisciplinary researchers, practitioners, community health workers, and students from UTEP Departments of Social Work and Public Health, School of Pharmacy, College of Science, Burrell College of Osteopathic Medicine, and community-based organizations to address modifiable cancer risks and protective factors by utilizing community-based team science approach, integrating community, and student-based capacity building interventions to advance preventative and comprehensive cancer care.

While cancer can develop for many different reasons and affects everyone differently, it is the leading cause of death for Hispanics in the U.S. On the U.S.-Mexico border, there are certain cancers that affect communities more than others. The following projects are designed and interwoven to understand critical issues and implement interventional strategies related to HPV vaccine uptake, early screening processes for HPN-associated cancers, health literacy, and overall cancer awareness of youth and young adults within sub-divisions in the El Paso region: Ed-Tech HPV A Community Approach using Education and Technology to Increase HPV Vaccination Project (NIH Sloan Kettering Cancer Center Grant); Human Papillomavirus (HPV) Mitigation and Cancer Prevention across the Lifespan in Mexican Populations Project (NIH BBRC U54 Cancer Center); Youth and Young Adult Cancer Knowledge, Attitudes and Practices (C-KAP) Pilot Study; and UTEP Food and Housing Security Study. Our project findings are likely to generalize to other Hispanic and communities of color, medically underserved, or rural populations experiencing similar health concerns regarding modifiable cancer risks and protective factors. As we work and interact with community-based organizations, researchers from different backgrounds of health, biological, and behavioral sciences, we will advance cancer prevention and care efforts in the El Paso area through translational research venues.

**Keywords:** U.S.-Mexico border health, Hispanics, cancer prevention, advocacy, community engagement, community-based organizations

**Project 1** - EdTech-HPV: A Community Approach using Education and Technology to Increase HPV Vaccination

**Project 2** - HPV across the Lifespan: Implementing Innovative & Strategic Approaches to Prevent and Mitigate the Deleterious Effects of HPV Across the Lifespan of Hispanics of Mexican Origin

**Project 3** - C-KAP: Youth and young adult cancer knowledge, attitudes and practices pilot study

**Project 4** - Student IDR Pipeline: Training & Capacity Building on Food and Housing Insecurities

### Team Members

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