

45) Community Sciences and Health Outcomes (CSHO) Shared Resource, Penn State Cancer Institute
Equipment and Research Support Services

Hershey and University Park Campuses

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The Community Sciences and Health Outcomes (CSHO) Shared Resource provides services, education, and consultation to foster culturally sensitive research that measurably and efficiently reduces cancer burden among vulnerable populations in the PSCI catchment area. Established in 2010, the CSHO Shared Resource provides an array of research services in four areas. First, the CSHO Shared Resource conducts spatial and non-spatial analysis on a comprehensive repository of data relevant to cancer risk and outcomes in Pennsylvania. Second, the CSHO Shared Resource has extensive experience in designing effective strategies for recruitment and retention of study participants, including collection of biologic specimens. These strategies include informatics-based cohort discovery and feasibility assessment, study accrual and retention plans, social media and web-based recruitment, as well as national and local registries and research networks. Third, we support active community engagement networks to facilitate cancer control interventions and dissemination of research findings, primarily through the assistance of community health workers and patient navigators. We have networks that involve African American, Hispanic/Latino, and rural/Appalachian populations in central Pennsylvania. Finally, we offer expertise in research project management, including strategies for effective and efficient management of study schedules and resources, protection of human subjects and informed consent, and adoption of national standards for study proposals and reports. We are able to support studies in English and Spanish. In addition, we also provide educational opportunities to students, community members, and health care professionals.