Center for Cancer Genetic Epidemiology

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Established as a center in 1991. The development of recombinant DNA technology allows researchers the opportunity to diagnose, treat and eventually prevent human genetic disorders. Center staff members are utilizing DNA based diagnostics to determine if a patient has a predisposition to certain genetic forms of cancer. Isolating defective genes and other precursors increases the likelihood of detecting tumors at treatable stages. Genetic research at this center is focused on four of the most common cancers: breast, colon, prostate and melanoma.

Overview		Technologies	Status	Economic Impact
Current State Contract	$100,000	*Genetic Analysis	*Mapping the 17q breast cancer gene and pursuing gene isolation of this locus.	*New relationship with Memorial Sloan Kettering Cancer Center in New York.
Matching Funds	$1,329,109	*Gene Localization		
Cumulative	$1,329,109	*Gene Discovery	*Gathering prostate CA families.	*New spinoff company: Helix Technologies
Industry Jobs Created	1			
Center Related Jobs	30	*Gene Diagnostics	*Preparing for linkage studies of breast, colon, prostate and melanoma cancers.	*Disposable kit planned to determine genetic predisposition of patient for breast cancer
Benefiting Utah Co.'s Spin-off companies	1	*Gene Therapies		
Patents Applied	-			
Patents Issued	-			
License Agreements	1			