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CANCER RESEARCH AND BIostatISTICS AWARDED \$86K GRANT

M. J. Murdock Grant Will Fund Gene Mapping Computer Platform

Seattle, Washington – January 25, 2008 – The ability to map genes and study proteins is changing the future of cancer research and the way experts assess and treat the disease. In November, Cancer Research And Biostatistics (CRAB®) of Seattle was awarded \$86,500 from the [M. J. Murdock Charitable Trust](#) in order to establish a High Speed Computer Platform (HSCP) to be used for analyzing [genomic](#) and [proteomic](#) data.

Traditionally, there have been two groups of cancer researchers interested in genomics and proteomics: researchers engaged in clinical trials who have limited genomic information, and genomic scientists who frequently have no clinical or clinical trial data associated with their basic genomic data. CRAB has become a valuable asset to the field of cancer research because they have genomic data on patients enrolled in large clinical trials. CRAB biostatisticians are able to utilize genomic information in clinical trials to produce better, more meaningful study outcomes.

Analyzing highly complex genetic and proteomic data is computationally intensive and analyses of data on standard computer systems are resource intensive and time consuming. With the new HSCP, CRAB will be able to dramatically reduce the time and resources needed to analyze these data.

Gene mapping is playing an increasingly important role in assessing cancer risk, prognosis and targeting cancer treatments. Many of CRAB's major partners, including the Myeloma Institute for Research and Therapy, the International Myeloma Foundation and the Southwest Oncology Group have made the collection and analysis of genomics data a top priority. The HSCP will firmly establish CRAB as a leader in the analysis of genomic and proteomic data.

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Cancer Research And Biostatistics is an international leader in designing, managing and analyzing therapeutic and prevention cancer clinical trials. CRAB, a non-profit organization based in Seattle, provides biostatistical expertise and innovative web-based data management systems. CRAB runs phase I-IV clinical trials for medical centers and pharmaceutical companies as well as local, national and international consortia.

Established in 1975, the M. J. Murdock Charitable Trust is a private foundation which seeks to enrich the quality of life in the Pacific Northwest by providing grants to area non-profits. With nearly \$800 million in assets, Murdock is one of the five largest private foundations in the Pacific Northwest.