

Take Your Research to the Next Level Team Up with Health Sciences Research

The Department of Health Sciences Research (HSR) has developed a website to introduce investigators to the many ways HSR can help with research.

Here's an overview of what you'll find at this site. Most pages include a description, a set of examples for how HSR can help, and information on preparing for the initial meeting.

Page	One Example... Check the website for more!
Getting Started	
• Study design & feasibility	Refining the research question to increase the likelihood of success
• Grants	Completing preliminary data analyses
• IRB protocols	Writing the sample size, power, and statistical analysis sections
Data Acquisition	
• Genomic data	Providing access and expertise for publicly available datasets, such as TCGA, 1000Genomes, or others
• Electronic data	With natural language processing, semi-automate the chart review process for large-scale population-based studies
• Qualitative data	Focus groups
• Data collection form or database	Designing a data collection form for easy use and faster analysis
• Population based data	Matching population-based controls or comparison cohort
• Survey data	Designing surveys for various platforms, including paper, Internet, iPads, and mobile phones
Data Analysis	
• Genomic data	Genome-wide association studies (GWAS)
• Observational or registry data	Conducting propensity score matching and analysis
• Qualitative & text data	Perform a systematic review of a data field
• Randomized or prospective data	Performing time-dependent survival analysis
• Population based data	Comparing observed mortality rates to expected mortality rates for a given population
• Survey data	Evaluating internal reliability with factor analysis or Cronbach's alpha
• Cost & utilization data	Estimating value, which includes not only cost but also treatment success and patient quality of life
Writing Papers & Abstracts	
	Identify key strengths, limitations, and assumptions

- The site is located at <http://hsrclientweb.mayo.edu/index.html> (must be logged in to the Mayo network)
- To access on a smartphone: use a QR reader app such as NeoReader to take a picture of this:

