

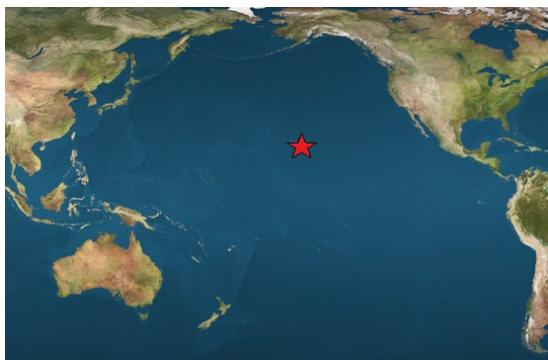
BQHS Vision, Mission, and Core Values

Vision: Strive for excellence in research, education, and service through collaboration and innovation in quantitative health science

Mission: To enhance University of Hawaii John A. Burns School of Medicine's research, education, and service mission by:

- fostering the understanding and implementation of biostatistical principles from study design to dissemination
- catalyzing collaborative research through institutional and community partnerships
- providing quality education and training in quantitative health sciences
- developing novel methods and generating new knowledge to improve quantitative health research and practice

Core Values: High quality, efficient, reliable



Strategic Partners of BQHS

JABSOM Departments:

Department of Medicine

Department of OBGYN

Research Centers:

P20 Center for Native and Pacific Health

Disparities Research

UH Schools & Colleges:

School of Nursing

Non-UH Organizations:

Hawaii Health Information Corporation

Queen's Medical Center

Hawaii Journal of Medicine & Public Health

Shriners Hospitals for Children



Hawaii State
Research and
Education Partnership

The UH JABSOM Office of Biostatistics & Quantitative Health Sciences is partially supported by grants U54MD007584 and G12MD007601 from the National Institute on Minority Health and Health Disparities (NIMHD) and P20GM103466 from the National Institute of General Medical Sciences (NIGMS) from the National Institutes of Health. The content is solely the responsibility of the authors and does not necessarily represent the official views of the NIH.



University of Hawaii
John A. Burns School of Medicine

Office of Biostatistics & Quantitative Health Sciences (BQHS)



651 Ilalo Street
Biosciences Building Suite 211
Honolulu, HI 96813

Tel.: 808-692-1840 Fax: 808-692-1966

E-mail: biostat@hawaii.edu

Website: <http://biostat.jabsom.hawaii.edu>



UNIVERSITY OF HAWAII

Office of Biostatistics & Quantitative Health Sciences

JOHN A. BURNS SCHOOL OF MEDICINE

BQHS Services

Research Design & Grant Application Support

- Grant proposal development, includes sample size and statistical power determination
- Research feasibility discussion to establish testable research Hypothesis
- Database design and setup (OpenClinica, REDCap, Access)
- Sampling procedures
- Data-instrument development and data-coding protocols

Biostatistics Data Analysis

- Data coding and management
- Comprehensive univariable and multivariable analyses
- Data and safety monitoring and interim analysis
- Customized statistical tool development to address specific research questions and challenges

BQHS Services (cont.)

Bioinformatics Data Analysis

- Next generation sequencing
 - RNA-Seq
 - DNA-Seq
 - Chip-Seq
 - Exome sequencing
 - Targeted sequencing
 - Variant detection
- Microarray data analysis
- Proteomics data analysis
- Gene annotation
- Pathway analysis

Results Dissemination

- Statistical results interpretation
- Biostatistics and bioinformatics method and results write-up
- Results presentations for manuscripts and posters

Training & Education

- QHS Workshops and seminars
- QHS courses of various levels

Service Model

Initial Consultation (one hour): FREE

Grant Development:

FREE, if adequate effort of BQHS faculty and staff is included in the grant budget.

Long-Term Funded Projects:

BQHS services can be provided through a percentage effort or through negotiated collaboration and service contract.

Short-Term Projects or Non-Extramural Funded Projects:

BQHS services can be provided through a fee-for-service or task-based pricing agreement.

Current UH Approved Rates:

Ph.D. Level Staff: \$120/hour
Master Level Staff: \$60/hour

Collaborative Model

- For RMATRIX, BRIDGES, and INBRE investigators the BQHS support will be provided either free of charge or at a significant discount
- For our strategic partners, free or discounted services provided according to collaborative agreements.

For academic and research units (dept., school, center) interested in becoming a BQHS strategic partner, we would be happy to explore the collaborative opportunity and grow together with you.