BIOSTAT SUPPORT @ DAB

EUGENE HUANG, PhD
DEPARTMENT OF BIOSTATISTICS AND BIOINFORMATICS, RSPH
WHO WE ARE

Andrea Knezevic, MS
Senior Biostatistician

Anthony Pileggi
GRA

Eugene Huang, PhD
Professor

Located: 2nd & 3rd fl, GCR
RESOURCES @ BIOS DEPT

18 tenured or tenure-track faculty

- survival analysis
- longitudinal data analysis
- missing data
- covariate measurement error
- spatial statistics
- statistical genetics
- brain imaging
- bioinformatics

7 research track faculty

- primary in cores or funded on collaborative projects

8 MS-level associate faculty

- combination of teaching and collaboration

9 research staff

- MS-level biostatisticians, data analysts, database developers
- project coordinators
WHAT WE DO

- Study design and planning
- Development of analysis plan
- Sample size / power calculation
- Data visualization and presentation
- Data analysis and report writing
- Development of specialized statistical methods
PROCEDURE

- Filling out a support request: Be specific about the biostatistical assistance needed

- Initial session, in person or via phone: Determine nature and scope of the project

- Follow-up sessions: Carry out the project
EXAMPLES

- Longitudinal analysis of a pilot study on clinical trial participation
- Data collection and analysis of a retrospective colonoscopy study
- Analysis of lab testing results under different practices
- Study design to investigate HIV patient care