UT Southwestern Medical Center™

CTSA Program

The Biostatistics, Epidemiology, and Research Design (BERD) Clinic

Clinical and Translational Science Award Program

Biostatistics, Epidemiology, and Research Design (BERD)

Goal: to provide accessible consultative resources and innovative educational offerings, and to develop new methodologies and tools, that advance clinical and translational science at UTSW.

Expertise:

- Randomized trials and observational studies
- Power analysis and sample size calculation
- Missing data imputation
- Regression analysis (linear, logistic, Cox survival, Poisson regression models)
- Modeling of correlated data (clustered, longitudinal, multi-level cross-clustering)
- Causal inference
- Mediation analysis
- Meta analysis
- Difference-in-difference, interrupted time-series analyses

Biostatistics, Epidemiology, and Research Design (BERD)

Scope of Support:

- ❖ Planning phase: experimental design, power analysis, analysis plan, protocol development
- ❖ Analytic phase: testable hypothesis, data elements (outcomes and covariates), modeling strategy
- ❖ Reporting phase: Tables and figures (pre-determined table shells and figure formats), interpretation, statistical method section, manuscript and revision

TIP: Seek Biostatistical support at the earliest stage!

Contact:

- Walk-in clinics: to address quick questions
- Register here for a consult: BOOK NOW
- Sign up for CTSA newsletter
- Formal collaboration request with the BERD project manager: Katherine Cruz Katherine.Cruz@UTSouthwestern.edu
- BERD director: Song Zhang Song.Zhang@UTSouthwestern.edu