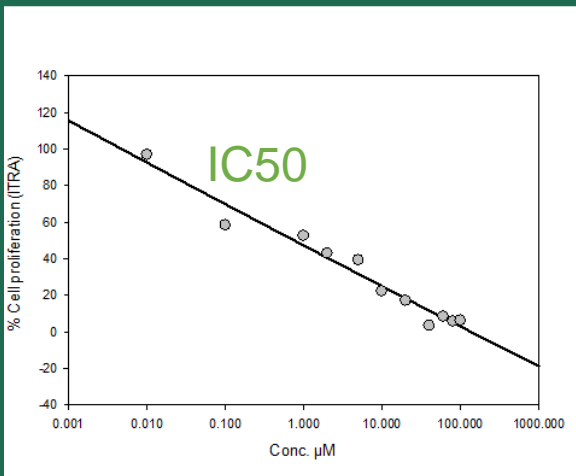
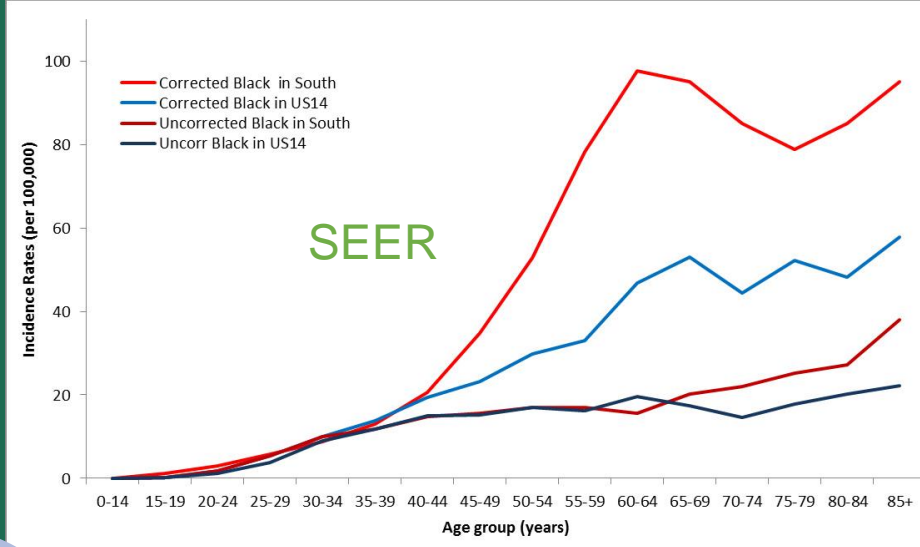
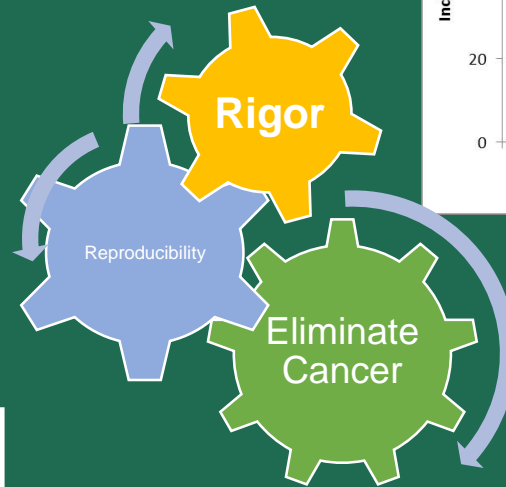


BIostatISTICS & BIOINFORMATICS SHARED FACILITY



Sejong Bae, Ph.D., FMSSANZ, Director
<https://www.uab.edu/onealcancercenter/research/shared-facilities/biostatistics-and-bioinformatics-shared-facility>

WHAT WE DO

- The Biostatistics and Bioinformatics Shared Facility (BBSF) strengthens the research capabilities and furthers the scientific rigor of cancer-related research by collaborating in all phases of protocol and grant development, data analysis and interpretation, and manuscript preparation at UAB OCCC.
- Clinical trials design, research study designs, data management and data analysis, epidemiology, health services outcome research, analysis of large national databases including SEER, NCDB, NISQIP, NHANES, BRFSS, NHIS, HINTS, and others.
- Bioinformatics analysis, mining and knowledge discovery for microarray, “-omics” and next generation sequencing.

ACCOMPLISHMENTS (2017-PRESENT)

Category	Productivity
Publications/abstracts	>100 manuscripts; >120 abstracts
New research grant proposals	Over 300 grant applications
Cancer-related protocols reviewed	Over 160 protocols
Cancer IIT design/analysis	Over 40 protocols

Selected Currently Funded Grants (> 60 grants):

P01CA229997 Adapting Multiple Behavior Interventions that Effectively Improve Cancer Survivor Health

P01CA210946 Rxr Retinoids for Cancer Chemoprevention

P50CA098252 SPORE in Cervical Cancer

U54CA118948 Morehouse/Tuskegee/UAB CCC Partnership

U54MD000502 Obesity Health Disparities Research Center

U54ES030246-01 UAB Research Center of Excellence in Arsenicals

W81XWH-18-1-0157 (Ovarian Cancer); W81XWH-14-1-0516 (Breast Cancer)

CCR15331062 (*Breast Cancer*), and numerous R01s, R21s, and other grants;