BIOSTATISTICS & BIOINFORMATICS SHARED FACILITY

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https://www.uab.edu/onealcancercenter/research/shared-facilities/biostatistics-and-bioinformatics-shared-facility

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O'NEAL COMPREHENSIVE CANCER CENTER
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)

<table>
<thead>
<tr>
<th>Category</th>
<th>Productivity</th>
</tr>
</thead>
<tbody>
<tr>
<td>Publications/abstracts</td>
<td>&gt;100 manuscripts; &gt;120 abstracts</td>
</tr>
<tr>
<td>New research grant proposals</td>
<td>Over 300 grant applications</td>
</tr>
<tr>
<td>Cancer-related protocols reviewed</td>
<td>Over 160 protocols</td>
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<tr>
<td>Cancer IIT design/analysis</td>
<td>Over 40 protocols</td>
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**Selected Currently Funded Grants (> 60 grants):**
- P01CA229997 Adapting Multiple Behavior Interventions that Effectively Improve Cancer Survivor Health
- P01CA210946 Rxr Rexinoids 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;