Biostatistics and Bioinformatics
Comprehensive Cancer Center

Presenter Ralph D’Agostino Jr.
Scientific Value and Focus of Core

• The Biostatistics and Bioinformatics Shared Resource (BBSR) is a highly utilized group of statisticians, bioinformaticians, programmers and quality assurance experts.

• The BBSR supports numerous members from all programs within the Comprehensive Cancer Center at Wake Forest University (CCCWFU) in all stages of scientific research.

• The BBSR Specifically provides
  • Methodological, statistical, bioinformatics, and computer related support for research studies, protocols, analyses, and proposed studies within the CCCWFU.

• BBSR support has led to numerous peer reviewed publications and extramurally funded grants.
Services Available

1. **Protocol Development** - developing appropriate statistical designs, preparing statistical sections, and reviewing the statistical content of all protocols submitted for review at the CCCWFU;

2. **Protocol Monitoring** - monitoring patient accrual, developing QA, and performing interim analyses when needed;

3. **Statistical Design and Analysis in Support of Grant Development and Publications**
   - Collaborating with CCCWFU investigators from all programs to provide support to the design of research studies (both in vitro and in vivo) as well as population based studies;
   - Providing grant planning sessions three times a year;
   - Providing extensive support for statistical analyses of data and interpretations of results to assist in publications of findings;

4. **Leadership and Training** - participating in CCCWFU committees responsible for scientific and administrative decisions and conducting a monthly seminar series in topics in research methods for CCCWFU members
Contact Information

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• Co-Scientific Directors/Associate Directors:
  • Ralph D’Agostino Jr, (Biostatistics)
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  • Janet Tooze (Clinical Trials)
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