



OBJECTIVES

To ensure that the appropriate statistical methodology is incorporated in research

SUPPORT ACTIVITIES

1. Study Design
2. Randomization Schemes
3. Statistical Analysis Plan (SAP)
4. Sample Size Estimation or Power Analysis
5. Statistical Analysis
6. Consulting Statistician for Staff and Professional Meetings
7. Abstract/Manuscript Preparation
8. Grant Preparation
9. Survey/Questionnaire Design
10. Protocol Review
11. Safety Committee
12. Grant Review
13. **REDCap**

FEEES

Fees for all support activities is based on the University approved hourly rate of \$105, for UM affiliates and \$152, for Non-Um affiliates.

All fees are based on UM policy B020 for Recharge, or Cost Centers.

CONTACT INFORMATION

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BCCC Website: www.biostat.med.miami.edu/core

BCCC Manual and Forms are available at the BCCC website

LEADERSHIP and PERSONNEL

All collaboration and consulting activities involve MS and Ph.D. level BCCC staff statisticians. The members of the BCCC cover a wide range of interests and statistical expertise and have consulting experience in a variety of subject matter areas.

[Shari Messinger Cayetano, M.E., Ph.D.](#)

Associate Professor, and Director of BCCC

[Hua Li, M.D., Ph.D., M.S.](#)

Assistant Scientist, and Biostatistician

[Kaming Lo, M.P.H.](#)

Biostatistician

[Alejandro Mantero, B.A., B.S., Ph.D. candidate](#)

Biostatistician

[Maria Jimenez-Rodriguez, M.A.L.S.](#)

Sr. Administrative Assistant to Dr. Shari Messinger, and
BCCC Administrator

SUPPORT OPTIONS

Grants:

Biostatisticians are available to provide support in grant development in various ways:

1. Assisting with the formation and operation of a proposal development team;
2. Assisting the investigators in refining study questions and measurement methods;
3. Developing study and experimental designs;
4. Writing statistical analysis plans;
5. Computing precision, power, and sample sizes necessary to achieve a given precision of estimation or a given power;
6. Provide ongoing support to funded research as line-item-other support, on a grant budget.

Short Term Activities:

Statistical support on a short term-per-hour basis.

1. Short term consultations work best when investigators have well defined questions with relatively small datasets.
2. Fees are based on the estimated number of hours required for the specific support activity requested.

Ongoing Collaboration Plan:

Statistical support under this structure is designed to ensure available support to an investigator or department/center each time that support is needed, and within the boundaries of the agreement signed.

BCCC SUPPORT UNDER THE MIAMI CTSI

BCCC is offering Biostatistics support to clinical and translational researchers through the Research Design and Biostatistics Component of the Miami CTSI. Emphasis is being placed in the area of culturalized health research, in line with the theme of the Miami CTSI, supporting interdisciplinary clinical and translational research that focuses on health problems highly prevalent in ethnic-/racial-minority and medically underserved communities

CTSI Prioritization: All research proposals and requests for these CTSI services and resources should incorporate ideas and approaches from multiple disciplines and/or propose innovative research initiatives that have the potential to translate into improved health.

CTSI Research Priorities:

1. K-awardees
2. Institutionally-funded pilot studies
3. NIH grant submissions

Priority among the above will be given to those whose proposed studies, in order of preference:

1. Address health disparities/minority health/medically underserved communities or elucidate/tease effects of racial/ethnic minority status
2. Propose the creation of new fields of study at the intersection between existing fields
3. Are translational, and interdisciplinary (e.g. co-investigators) from at least two schools/disciplines
4. Are collaborative (e.g. co-investigators) from different scientific/clinical fields/subspecialties
5. Are multifaceted in research support demands, e.g. requires use of more than one CTSI component's services/resources or resources from another NIH-funded program grant (e.g. P-awards, U-awards, R-awards, T-awards, etc.)

Within the above schema, applications are encouraged in the following scientific foci:

1. Obesity-related issues, substance abuse, sexually transmitted diseases, or low-birth weight babies (priorities established by the CTSI Community Advisory Board)
2. Therapeutic development