

Child Health Biostatistics Core FAQ

WHAT IS THE CHILD HEALTH BIOSTATISTICS CORE (CHBC)?

The Child Health Biostatistics Core (CHBC) is a group of biostatisticians who provide biostatistical consulting services to University of Colorado faculty engaged in Child Health Research. The CHBC is comprised of 15 full time biostatisticians (PhD and MS level training) and 3 biostatistics graduate students. Biostatisticians provide statistical consulting support in exchange for direct FTE, or a hospital subsidized hourly fee-for-service, depending upon the type of project and any previously established section support with the Core.

WHAT TYPE OF SUPPORT IS AVAILABLE FROM THE CHBC?

Examples of biostatistical support provided include study design development, protocol development, grant development, statistical analysis plans, data analysis, power and sample size estimation, and many other analytical and statistical services. For large projects or ongoing collaborations with a section, it is recommended to retain a relationship with a biostatistician in the CHBC through salary support in the form of %FTE. For smaller, well-defined projects where there is no standing collaboration with the core, one of our statisticians will be able to help on an hourly basis (see “what does it cost?” section for more details). We are also available for one-hour free consultations and educational seminars. Just let us know what you had in mind.

DOES MY SECTION ALREADY HAVE BIOSTATISTICS SUPPORT?

Some sections in the Department of Pediatrics have an established relationship with the CHBC and get support by contacting their biostatistician(s) directly. Please check the list at the end of this document for specific contact information. There may be section-specific project registration procedures, and the collaborating biostatistician(s) can provide guidance.

WHAT SHOULD I EXPECT WHEN WORKING WITH A BIOSTATISTICIAN?

First, don't be nervous! We are here to support your research, no matter whether you've worked with a statistician for 30 years, or never worked with one at all. Initially expect to have a thoughtful discussion about your research topic and aims. We generally start with a consultation to understand your project details and what type of support will be needed. It is helpful to send a study protocol, aims, or other study information prior to the first meeting if you have them. Depending on your needs, a statistical analysis plan, deliverables, a timeline and general cost of the support will be agreed upon and work can then commence. You can expect the biostatistician to help write the statistical related pieces of any resulting publications and grant applications. The biostatistician is expected to be a co-author on any publications resulting from the research and included in the budget on grant applications. ***The process is collaborative, iterative, and tailored to the needs of the project and the investigator. We encourage you to consult with a biostatistician at any part of the research process, from the conception stage through to presentation and to publication.***

WHAT DOES IT COST?

A discussion of project cost is to occur prior to any work commencing and will be agreed upon by all parties. This is a general cost outline, which is subject to change at the discretion of CHBC leadership. The cost will partially depend on any previously established section support. If your section does not have an established support mechanism with the CHBC, and your project requires < 100 hours, then the work will likely be billed

on an hourly basis at a subsidized rate of \$75/hour. These projects are assigned to any CHBC statistician based on availability and expertise. Large projects requiring > 100 hours, projects requesting a specific biostatistician, and ongoing collaboration with sections/groups having multiple projects require direct %FTE support. The exact amount will depend on the specific consultant's FTE rate. We provide up to 40 hours of free support for grant development when biostatistics effort is included in the proposed grant budget. Investigators who are developing grant proposals are expected to consult with a biostatistician to effectively plan resource allocation and ensure the appropriate budget for the study timeline.

HOW DO THE INVOICES/PAYMENTS WORK?

Invoices will be sent monthly via email by CHCO accounting around the middle of the month following the work performed (i.e. Dec 15 for work done in November). A speed type or cost code is required.

THIS SOUNDS GREAT, HOW CAN I GET STARTED?

1. Contact us! If your section has an established relationship with the CHBC then work with those contacts directly (see the table Established Pediatrics Section Support below). Otherwise email: kristen.miller@cuanschutz.edu to set up a free 1-hour consultation with a CHBC statistician to review project details
2. If additional support is required, PI fills out a REDCap [project registration form](#)
3. Project gets assigned to a CHBC statistician and work commences
4. Projects are billed hourly and invoiced monthly

WHERE CAN I FIND ADDITIONAL INFORMATION?

See our [website](#) for more detailed information about our services, policies, and guidelines.

WHAT OTHER BIOSTATISTICS SUPPORT IS AVAILABLE ON CAMPUS?

The CHBC is part of the CU Biostatistics Ecosystem (CUBE). This is a joint effort between CIDA, the Child Health Biostatistics Core (CHBC), the Cancer Center Biostatistics and Bioinformatics Shared Resource (BBSR), and the Adult & Child Center for Outcomes Research & Delivery Science (ACCORDS) in partnership with the Research Informatics Office (RIO).

The CHBC is a child health specific resource. If you are a child health researcher, you can contact us directly for biostatistical support. If you are unsure about which support is most appropriate, you can contact CUBE for more information on what support type would be most appropriate. CUBE is in the process of setting up a website and intake process, so please reach out to us directly with questions.

WHO CAN I CONTACT WITH QUESTIONS?

CHBC Interim Co-Director, [John Brinton, PhD](#)

CHBC Interim Co-Director, [Kristen Miller, MS](#)

ESTABLISHED PEDIATRICS SECTION SUPPORT

Section/Department/Center	Biostatistician Contact(s)
Acute Kidney Injury/Nephrology	casey.sakamoto@cuanschutz.edu
Cardiology	morgan.macbeth@cuanschutz.edu
Critical Care	kristen.miller@cuanschutz.edu
	john.brinton@cuanschutz.edu
CFCC	zhaoxing.pan@cuanschutz.edu
DHI/Gastroenterology	kaitlin.olson@cuanschutz.edu
	zhaoxing.pan@cuanschutz.edu
Infectious Disease	lori.silveira@cuanschutz.edu
Neonatology	mairead.dillon@cuanschutz.edu
	blair.weikel@cuanschutz.edu
Neurology	lori.silveira@cuanschutz.edu
Pulmonary Medicine	john.brinton@cuanschutz.edu
	emily.2.cooper@cuanschutz.edu
	timothy.vigers@cuanschutz.edu
Surgery/Otolaryngology	kaci.pickett-nairne@cuanschutz.edu
	emily.2.cooper@cuanschutz.edu
	suhong.tong@cuanschutz.edu
	samantha.bothwell@cuanschutz.edu
	kaitlin.olson@cuanschutz.edu
Wellness Center	zhaoxing.pan@cuanschutz.edu
Emergency Medicine	mairead.dillon@cuanschutz.edu