

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. Examples of 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. Services are provided in exchange for direct FTE support, or a hospital subsidized hourly fee-for-service model.

WHAT TYPE OF SUPPORT IS AVAILABLE FROM THE CHBC?

The CHBC is comprised of 15 full time biostatisticians (PhD and MS level training) and 3 biostatistics graduate students. For large projects or ongoing support, salary support in the form of %FTE for a biostatistician is usually required. For smaller, well-defined projects, one of our statisticians can help on an hourly basis (see “what does it cost?” section for more details). We are also available for one hour free-consults and educational seminars.

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 instructions.

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. 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. The biostatistician will 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 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 consult with a biostatistician at any part of the research process, from the conception stage through to presentation and publication.

WHAT DOES IT COST?

Projects requiring < 100 hours are billed hourly at a subsidized rate of \$35/hour for students, residents, fellows and instructors and \$45/hour for faculty at the rank of Assistant Professor and above. These projects are assigned to any CHBC statistician based on availability and expertise. Large projects requiring > 100 hours and projects requesting a specific biostatistician require %FTE support. 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 must consult with a biostatistician to effectively plan resource allocation and ensure the appropriate budget.

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! Email: kristen.miller@cuanschutz.edu or laura.pyle@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 Director, [Laura Pyle, PhD](#)

CHBC Associate Director, [John Brinton, PhD](#)

CHBC Operations Manager, [Kristen Miller, MS](#)

ESTABLISHED PEDIATRICS SECTION SUPPORT

Section/Department/Center	Biostatistician Contact(s)
Acute Kidney Injury/Nephrology	john.brinton@cuanschutz.edu
Barbara Davis Center	laura.pyle@cuanschutz.edu
	casey.sakamoto@cuanschutz.edu
	timothy.vigers@cuanschutz.edu
Cardiology	lori.silveira@cuanschutz.edu
	kaitlin.olson@cuanschutz.edu
Critical Care	kristen.miller@cuanschutz.edu
	john.brinton@cuanschutz.edu
Endocrinology	laura.pyle@cuanschutz.edu
	samantha.bothwell@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.cooper@cuanschutz.edu
	timothy.vigers@cuanschutz.edu
Surgery/Otolaryngology	kaci.pickett@cuanschutz.edu
	emily.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