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## Biostatistics Services for Child and Adolescent Health Service based researchers

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The Clinical Research Facility supports researchers by offering statistical support for your project. You are encouraged to engage a Biostatistician in the early stages of your project. Support is provided for:

- Grant and ethics applications
- Statistical plans and advice
- Some analysis capacity (limited)

We do offer assistance with analysis however large projects will require funding.

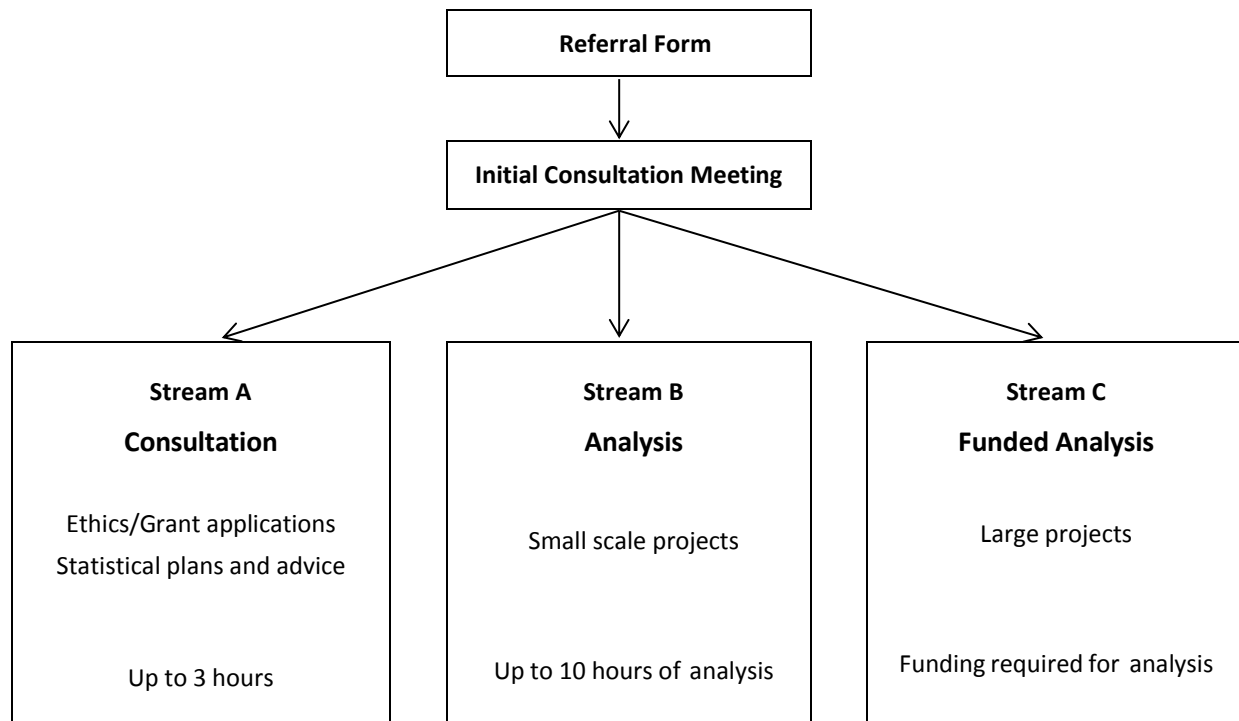
### **Eligibility:**

Employees or students of CAHS (PMH, CACH and CAMHS)

Projects must include health-related research with data generated within CAHS.

Postgraduate research students are first required to seek biostatistical assistance from their University. Biostatistical advice from CAHS is then offered if further support is required.

### **Process for support:**



## Referral Form

If you would like statistical support for your child health project please fill out the [Biostatistics Referral Form](#)

## Appointments

Appointments can be booked online through [Biostatistics Online Booking](#)

## Initial Consultation

An initial consultation (up to one hour) will be offered after the referral form has been completed.

## Streams

Following this consultation you should fall into one of three streams (A, B or C):

### A. **Consultation**

This covers basic study design advice during formation of scientific protocols, data structure/storage advice, ethics applications, grant writing, power calculations.

### B. **Analysis Support: Small scale projects**

This includes completion of simple analysis or analysis with a single clear study question or hypothesis. There is up to 10 hours allocated per project. In order to receive analysis support the dataset needs to be cleaned and ready for analysis.

### C. **Funded Analysis: Large scale study support**

This includes studies with multiple hypotheses and outcomes, studies where significant data manipulation work is required (i.e. multiple datasets being used, outcome variables need to be derived etc), longitudinal data, and studies requiring complex methodology.

Options for paid biostatistical support can be provided. For example The Centre of Biostatistics at Telethon Kids Institute (TKI).

Website: <http://telethonkids.org.au/our-research/biostatistics/>

Email: [biostatistics@telethonkids.org.au](mailto:biostatistics@telethonkids.org.au)

## Ethics Applications:

Support for ethics applications is encouraged when planning your study. Ideally, a biostatistician should be engaged in the early stages of your project.

At times the **Scientific Advisory Sub Committee (SASC)** may request that you seek Biostatistical support for you application. There is great demand on biostatistical service at CAHS and there is likely to be a waiting list. Ethic applications are prioritised, however it may not be possible to meet the deadline provided by SASC.

Projects that are submitted through the **Low and Negligible Risk (LNR)** ethical review process are required to engage a biostatistician prior to submission. A declaration will need to be signed by a Biostatistician outlining that they have reviewed your protocol. Biostatistical support for LNR ethic review can be provided by any research institution, including CAHS, UWA and TKI. If you wish to engage the CAHS Biostatistician please fill out the referral form above and book an appointment.

## **Students projects:**

Students enrolled in a Postgraduate Research Course are required to demonstrate that they have actively pursued biostatistical support from their University or academic institution (consultation, short courses, enrolment in biostatistics unit). If further support is required then an appointment with a CAHS Biostatistician may be offered.

Clinical students (i.e. medical, allied health or nursing students) are able to access the CAHS Biostatistician at the early planning stages of their project. Their supervisor is required to attend the initial meeting.

## **Publications:**

Where statistical analysis has been completed for a publication it is usually important to involve the statistician to assist with writing up the statistical methods and interpretation of the results. Additional time (above the 10 hour limit) will be provided for manuscript preparation. This level of support is likely to warrant authorship. The ICMJE statement on authorship may be of assistance.

[Expected conditions for authorship according to ICMJE guidelines](#)

## **Alternative Biostatistical Supports**

### ***Telethon Kids Institute (TKI) Biostatistics drop in sessions***

TKI drop in session on alternating Tuesdays and Thursdays from 1-3pm. They are generally held in the Lower Atrium. This is free service for all CAHS and TKI employees. Please contact the Centre for Biostatistics at Telethon Kids for upcoming dates

(Email: [biostatistics@telethonkids.org.au](mailto:biostatistics@telethonkids.org.au))

### ***Support from your university or institution***

For those affiliated with a university or academic institution statistical support may be available

### ***Private Statistical Services (fee for service)***

Private statistical service options can be provided.

If you have any questions please email Natasha Bear ([Senior Biostatistician](#)):  
[Natasha.Bear@health.wa.gov.au](mailto:Natasha.Bear@health.wa.gov.au)