

## Statistical Services in Pediatrics - Update

We are fortunate in Pediatrics to have in-house statistical support being provided by Dr. Lehana Thabane and his analyst, Ms. Rachel Chu. The uptake has been almost overwhelming!! In order to keep the services within the limits of the time allocated (Dr. Thabane is only in the Department one day a week on Thursdays), please remember to follow the guidelines below for access to the statistical support services:

- For most effective assistance, seek statistical advice BEFORE you apply for funding and certainly BEFORE you start a new study. Be sure to bring your complete research proposal.
- All initial consults with Dr. Thabane on a project must be made by and attended by a Faculty member, and not a trainee alone. Trainees or research assistants may attend the meeting with their research supervisor. This is essential to enhance the efficiency of the consultations.
- The initial consult with Dr. Thabane must take place BEFORE a request is made for assistance with statistical analysis with the analyst. This will allow him to determine how to best approach the analysis or discussions that might need to take place prior to performing the analysis including prioritizing the analysis requests.
- For trainees, statistical advice and guidance will be provided but trainees are encouraged to conduct the actual statistical analysis on their own so that they become familiar with the statistical programs.
- All requests for meetings MUST be made by booking an appointment with Dr. Thabane's assistant (Rosemary Oliveira at ext 34905) and **emailing** a "**Request for Services for Statistical Consult**" at the same time **to Rosemary (rolivei@mcmaster.ca)**. Please also bring a copy of the request form at the time of your meeting. This is important in order that we can conduct a needs assessment for statistical services. The form is available at:

**REQUEST FOR SERVICES FOR STATISTICAL CONSULT**

Faculty Name: \_\_\_\_\_

Division: \_\_\_\_\_

If related to trainee research project:

Name of Trainee: \_\_\_\_\_

Trainee Program: \_\_\_\_\_

**\*Please note that Faculty must attend all consultations with Trainees\***

**STATISTICAL SERVICES**

By: **Dr. L. Thabane (statistician)**

**Rachel Chu (stats analyst)**

Please check off the service(s) you require

*Methodological - Data Analysis*

- |   |  |
|---|--|
| <input type="checkbox"/> Study Design Consult             | <input type="checkbox"/> Instruction in use of statistical software  |
| <input type="checkbox"/> Sample size calculation          | <input type="checkbox"/> Interpretation of results   |
| <input type="checkbox"/> Data collection protocol         | <input type="checkbox"/> Compiling statistics section of grant applications or manuscripts for publication |
| <input type="checkbox"/> Database set-up                  | <input type="checkbox"/> Generation of figures/tables (for presentations/manuscripts)                      |
| <input type="checkbox"/> Data verification and data entry |  |
| <input type="checkbox"/> Data analysis by analyst         |  |

*Research Ethics Board*

- Review Application for statistics plan
- Other (give details)* \_\_\_\_\_

**Project Title:**

**Deadlines (i.e. for funding application, abstract submission, REB submission etc)**

*Our Staff need lead time to complete your request. Please provide your due deadline date (if applicable)*

**Signature of Statistician/Analyst:**

**Date:**

Please email completed request to Rosemary Olivieri : [rolivei@mcmaster.ca](mailto:rolivei@mcmaster.ca)

Bring a COPY of the Request Form to the statistician at time of your appointment.

**OFFICE USE ONLY**

|                           |                                |
|---------------------------|--------------------------------|
| <b>RFS Received:</b>      | <b>Ticket Number Assigned:</b> |
| <b>Forwarded to:</b>      | <b>Date:</b>                   |
| <b>Actions from RFS:</b>  |                                |
|                           |                                |
| <b>Service Completed:</b> |                                |

Meetings made by prior appointment with Dr. Thabane will be held in room HSC 3A72 on Thursdays ONLY. Rachel Chu will be available in 3A72 on Tuesdays.