MCNHR Statistical Supports for Graduate Students

The MCNHR provides a wide array of statistical supports to College of Nursing graduates students and has established a partnership with Centre for Healthcare Innovation (CHI) to ensure the statistical needs of graduate students are being met.

As part of this service, graduate students have access to advanced biostatistical consultation from Dr. Rasheda Rabbani.

Students also have access to James Plohman for assistance with quantitative data analysis using SPSS.





Dr. Rasheda Rabbani.

James Plohman

*Requests for statistical support should be submitted through the MCNHR online service request form: http://umanitoba.ca/faculties/nursing/mcnhr/

Dr. Rabanni can be consulted on the following:

- Study design/data analysis plan
- Power analysis (sample size calculation)
- Regression models
- Multivariate analysis (factor analysis, SEM)
- Meta-analysis
- Handling missing data
- Psychometric analysis of study tools
- Understanding and interpreting results
- Access to other statistical supports and services available at CHI.

James Plohman can provide assistance with:

- Database setup
- Data cleaning/integrity checks
- Data manipulations (recoding and/or computing)
- Univariate (descriptive statistics)
- Bivariate (parametric and nonparametric tests, correlations
- Presenting and understanding results
- Technical support and training in using SPSS

Important information

- Graduate students are expected to perform their own data analysis
- Graduate students are provided with up to 5 hours of biostatistical consultation at no charge
- Training and technical support in using SPSS is available to graduate students at no charge through the MCNHR
- CHI hosts monthly open house biostatistical consulting sessions for graduate students, where students can receive free consultation for their research projects.





Rady Faculty of Health Sciences

