

## Pediatric Residency Research Committee

### Terms of Reference:

#### Purpose:

The purpose of the Committee is to develop and implement a critical appraisal curriculum, provide support to pediatric residents as they complete scholarly projects and oversee the administration of resident research awards and travel bursaries.

#### Responsible to:

The Pediatric Residency Research Committee will report to the Pediatric Postgraduate Residency Committee and Dr. Moyez Ladhani, director of the Pediatric Postgraduate Residency Programme.

#### Membership:

Pediatric Faculty members and a Pediatric Resident Representative. The roles of committee members include: Chair, Awards Officer, Curriculum development, Journal Club Co-ordination, Liaison for Work in Progress. The Pediatric Resident is responsible for maintaining the resident research database.

#### Objectives of Committee:

1. The resident research committee will strive to develop and implement a critical appraisal curriculum which runs throughout the academic year. The curriculum is comprised of introductory critical appraisal skills, study design and methodology, and basic epidemiologic principles and statistics. Journal Clubs are an integral part of this curriculum. The goals of this curriculum are to ensure that pediatric residents acquire:
  - a. Critical appraisal skills as they apply to the medical research literature to encourage and foster the development of evidence based medicine.
  - b. Basic epidemiologic principles to assist with the assessment, interpretation and application of research studies.
  - c. Principles for basic design and conduct of scholarly projects to be completed throughout the course of the pediatric residency programme.
  - d. Presentation skills which will encourage participation at academic meetings within the Department of Pediatrics as well as at National and International conferences.
  - e. Skills that will assist with the application for research grants, scholarships and publication of scholarly projects.
  - f. Critical appraisal skills that will allow for success in the Royal College Examination.

#### Functions:

1. Development and implementation of a critical appraisal curriculum as stated above.
2. Implementation of routine Journal Clubs throughout the academic year.

3. Assessment of research proposals and scholarly projects for resident research awards and travel bursaries.
4. Awarding of McMaster Pediatric Resident Research funds and travel bursaries.
5. Notification of upcoming research grants.
6. Support and guidance to pediatric residents and resident research supervisors initiating and completing scholarly projects.
7. Support and guidance to pediatric residents and resident research supervisors for work in progress (WIP presentations).
8. Liaison with WIP Chair.
9. Support and guidance to pediatric residents and resident research supervisors presenting scholarly projects at the Annual McMaster Child Health Trainee Research Day
10. Maintenance of the pediatric resident research project database.