



## **CLINICIAN INVESTIGATOR PROGRAM CURRICULUM**

### **PREAMBLE**

The uOttawa CIP curriculum is designed to prepare trainees for a career as a clinician investigator and aligns with the Royal College documents “Training Experiences for Clinician Investigator Programs” and “Clinician Investigator Competencies.” The curriculum, specific to the CIP, addresses all the CanMEDS roles and incorporates research ethics, teaching skills, communication skills, and research methodology as well as issues related to age, gender, culture and ethnicity in research and data analysis and presentation (Standards 550\_A\_EP\_3.2.2, 3.2.2.4 and 3.2.2.5).

### **ORGANIZATION**

The uOttawa CIP seminars are held every 2-3 weeks. Each topic is presented by a faculty member who has expertise in the area being discussed. The entire series runs on a 2-year cycle. As such, trainees enrolled in a 2-year master’s degree will complete the full series. Trainees enrolled in a PhD program need only attend the full series once.

### **TOPICS**

Topics covered in the uOttawa CIP seminar series are intended to prepare trainees for a career as a clinician-investigator and align with the Royal College Standards of Accreditation. As the resident composition and so interests change within the CIP, one seminar topic not otherwise covered is selected by the residents each year and the residents invite a speaker. Topics currently covered in the seminar series are given in Appendix I.

### **ATTENDANCE**

Attendance is mandatory for trainees in the CIP. The seminars are open to other trainees including students enrolled in the MD/PhD program and other residents who have an interest in or are otherwise involved in research.

### **EVALUATION**

Residents are asked to provide an evaluation at the end of each seminar and an evaluation of the seminar series at the end of each year. Seminar topics and evaluations are reviewed annually by the Resident Program Committee. Topics may be added, removed or revised as needed.

**APPENDIX I:** Current topics covered in the uOttawa CIP seminar series.

**Year 1**

Welcome and introduction to clinical research  
Research ethics including TCPS and GCP.  
The Methods Centre. What it does and what it offers  
Translational Research  
Grant writing & funding strategies  
Information Privacy (PHIPA)  
Balancing clinic and research  
Conflicts of Interest. What are they and how are they managed?  
Multidisciplinary Research  
Equity, Diversity and Inclusion (EDI) in Research  
Peer Review and Feedback. How to do it well.  
Resident selected topic

**Year 2**

Welcome and introduction to clinical research  
Research Ethics Boards: Protocols and Applications  
Research Design & Methodology  
Biostatistics. The basics  
Research Contracts: what you need to know.  
Knowledge Translation  
Getting an academic job. What do department heads look for?  
Social Accountability in Research  
Supervising trainees: effective communication and feedback  
Publication and Journalology  
Wellness and Resiliency, now and throughout your career  
Resident selected topic