



Graduate Diploma in Health Research PROGRAM – 2018 SUPERVISOR & PROJECT INFORMATION FORM

Please complete and return via email only (gdip.hres@utoronto.ca) by **September 4, 2018**
(forms received after this date will not be posted).

Supervisor Information

Name: Junaid A. BHATTI

Email: junaid.bhatti@ices.on.ca

Degree(s): PhD, MSc, MBBS

SGS Department: IHPME

Academic Rank: Assistant Professor

Field of Research: Public Health /

Injury Prevention

Research Institution Affiliation (if applicable):

Sunnybrook Research Institute

Allocation of student contact time: 1-2 hours

(number of hours per week YOU are available to the student for any concerns or to review progress)

Project Information (for posting on GDipHR website)

Title: Physician Interventions to Reduce Impaired Driving (PRIMED)

Description (max 500 words):

Impaired driving remains a major public health problem in Ontario. Ontario physicians have at their disposal two interventions that are likely to prevent impaired driving in their patients. For instance, the physicians can report substance dependence to Ontario Ministry of Transportation. Similarly, they can provide brief counselling for substance misuse, which could prevent impaired driving. The effectiveness of these interventions in preventing impaired driving has not been assessed thus far, a knowledge gap that the proposed project addresses. We propose to link provincial healthcare and transport databases to assess if the physician interventions led to reduction in impaired driving events in patients. We will use a number of statistical techniques, e.g., exposure crossover analysis, to evaluate the effectiveness of these interventions. The proposed study will take place at Institute for Clinical Evaluative Sciences (central) that is housed within the Sunnybrook Health Sciences Centre.

If human subjects are involved, have the appropriate Research Ethics Board approvals been obtained?

XYES NO Application Submitted N/A

Do you expect this work will be published within the 20 months?

XYES NO Uncertain

Student's roles and responsibilities (please be as specific as possible):

- 1) Assist PI in drafting specific communications related to ethics;
- 2) Documentation of study procedures
- 3) Statistical analysis as appropriate
- 4) Description of study results
- 5) Report writing

Please indicate who will serve as the student's direct report for daily oversight (PI, PhD student, technician, etc...):

The student will work under the direct supervision of the PI.