

Kyoto University-UAlberta Graduate Student Research Exchange

Sample Research Project Placement Information

A. Nature/Activities of the Hosting Area

For example: Perinatal Research Centre. Address. Website.

The long-term objective of the research is to understand the biochemical and physiological mechanism of human term birth and compare these to patterns of preterm birth. This may enable development of strategies to delay or prevent preterm labour, thereby improving newborn health. The roles of prostaglandins, oxytocin, steroids, cytokines, and nitric oxide (and their receptors and synthesizing enzymes) in the mechanism of term and preterm birth are studied, using animal models.

B. Description of the Student Placement

For example:

70% laboratory work

15% literature study

10% report writing

5% meeting/lectures

Week 1: introduction to the subject, lab and research methods

Week 2-17: research under close supervision and the external tutor

Week 18: writing report and evaluation

C. Preparatory Requirements

For example:

Does the student require any additional knowledge/skills in advance? Yes. Evidence of successful completion of a radiation safety course.

D. General Information

For example:

Students should realize

- it is laboratory work (no clinical research)

- they may have to work with radioactivity (a three-day Radiation Safety Course will be offered)
- they may have to work with animal tissues
- they may have to work with human tissues

E. Financial

Any funding being provided to the student by either university in their form of grants, awards, research stipends or wages should be clearly noted along with any terms attached to the funding.