

# **Brock University**

## **Science Mentorship Program**

### *Appointment Form*

Brock University recognizes the value of a mentorship program involving senior high school students volunteering as protégés in a research study or investigation in a specific discipline within the Faculty of Mathematics and Science under the supervision and guidance of a faculty member or permanent staff member.

Involvement in the Mentorship Program is intended to provide a rewarding experience for all participants – protégé and mentor. Science laboratories, field research, and other research activities often do involve risk to the participants. Brock University is committed to ensuring that the research of its members is carried out in a safe and responsible manner. Hence, while Brock encourages protégés to engage in the Mentorship Program it does so under conditions intended to minimize the risk to the health, safety and security of all individuals and to identify clearly the responsibilities of University, University employees and their protégés.

The following are conditions under which individuals may participate as protégés within this Program.

1. The Department Chair and the Dean of a Faculty must authorize in writing the protégé to take part in a specific Faculty activity. This authorization will only be provided after the conditions described herein are satisfied. The duration of the authorization will be specified but will not be greater than twelve months.
2. Each protégé must be supervised by a Mentor who is a Brock University faculty member or full time staff member. Protégés are not permitted to access laboratories or to participate in field research work without the supervision of the faculty Mentor or another, appropriately qualified and responsible individual. The Mentor must agree to accept the health and safety responsibilities of the supervisor detailed in Appendix 2.
3. Each protégé must participate in all required WHMIS; environment, health and safety training; and training in the use of any apparatus prior to starting their assigned activities. The Mentor is required to certify in writing to the Chair the training required and the date at which the training was received. The Environment, Health and Safety Officer may be requested to provide advice on the training required.
4. Where use of animals is involved, the protégé is required to participate in a University-sponsored course in the use of animals. The Animal Care Technician is required to certify in writing that the protégé has received the required training and education. The faculty Mentor is required to obtain necessary Animal Care and Use Committee approval prior to the start of the project, as appropriate.
5. Each protégé and her/his parents and/or legal guardians will sign a statement relinquishing Brock University of any legal responsibility should the protégé be injured while taking part in the approved research activity. The protégé will be required to accept responsibility for adhering to all University or laboratory requirements related to Good Laboratory Practices and the health and safety of the protégé and other individuals who may be engaged in research activity in the laboratory or surrounding environment.
6. Where the research or investigational study involves human participants as defined by University policy, the faculty Mentor is responsible for ensuring the protégé is familiar with University policies related to the involvement of human subjects in research and is required to obtain necessary Research Ethics Board approval prior to the start of the project.
7. Each protégé and Mentor are required to discuss and agree in advance to the disposition of any intellectual property that may arise from the research activity. The Office of Research Services is available for consultation.





## **APPENDIX 1**

### **Health and Safety Responsibilities of a Protégé Worker**

1. To comply with the Occupational Health and Safety Act and its regulations.
2. To comply with Brock University policies and procedures, including but not limited to the Science Safety Manual, Animal Care and Use, Safety and Liability in Field Research, and all other policies and procedures.
3. To use the equipment and clothing provided or required.
4. To report dangers in the workplace to the Mentor or other appropriate individual.
5. Not to make any safety device ineffective.
6. Not to use any equipment or machine or apparatus without the permission of the supervisor and required training.
7. Not to engage in any horseplay or other dangerous activity.
8. To treat colleagues with respect.

## **APPENDIX 2**

### **Health and Safety Responsibilities of a Supervisor of a Protégé in the Faculty of Mathematics and Science**

1. To comply with the Ontario Occupational Health and Safety Act and its regulations.
2. To comply with Brock University policies and procedures and Faculty of Mathematics and Science policies and procedures related to occupational health and safety, good laboratory practices, care and use of animals, and research involving human subjects.
3. To ensure that all protégés under their supervision comply with #1 and #2 above.
4. To ensure that all protégés under their supervision receive any and all required training in the use of equipment and apparatus necessary for the protégé's project.
5. To ensure that all protégés use the safety equipment, devices and clothing provided and/or required for the safe conduct of the protégé's project.
6. To advise all protégés of any danger in the workplace.
7. To provide specific written and verbal instructions for the protection of the protégé for the safe conduct of her/his project.
8. To take every precaution reasonable in the circumstances for the protection of the protégé.
9. To ensure that all protégés are supervised at all times when conducting work under the guidance of the Mentor.
10. To record and retain a record of all instructions provided to protégés, including, where necessary, sign in and sign out logs for laboratory use.
11. To treat protégés with respect.