I. Scope and Application
This Exposure Control Plan applies to all occupational exposure to blood or other potentially infectious materials (OPIM) including, but not limited to, human blood, blood products, body fluids and tissues, items contaminated with these materials or bloodborne pathogens used in research activities on the Danforth Campus of Washington University.

II. Exposure Determination
a. Employees that carry out procedures or other job tasks that involve an inherent potential for mucous membrane or skin contact with blood, body fluids or tissues or a potential for spills or splashes from them are listed below. These employees are required to use appropriate protective measures:
   i. Medical Doctor (M.D.)
   ii. Registered Nurse
   iii. Licensed Practical Nurse
   iv. Laboratory Technician
   v. Athletic Trainer
   vi. Police Officer
   vii. Deputized Officer
   viii. Faculty Researcher
   ix. Athletic Complex Building worker
   x. Facility Manager
   xi. Lifeguard
   xii. Intramurals
   xiii. Student EST workers
b. Specific job tasks that may, at times, have exposure or potential exposure to these agents are listed below. Appropriate protective measures must be available to every employee engaged in these tasks at the time work is performed.
   i. Handling of laundry soiled with human blood or Other Potentially Infectious Materials (OPIM)
   ii. Handling of infectious medical waste
   iii. Handling of human blood, cell lines, or OPIM
   iv. Handling of crime evidence
   v. Performing CPR/mouth-to-mouth resuscitation
   vi. Providing patient care
   vii. Research (human blood, cell lines, and OPIM)

III. Methods of Compliance
a. Work Practice Controls. Assistance is available from the Safety Office (935-9263)
b. Personal Protective Equipment (PPE). Contact the Safety Office (935-9263) for additional information.

IV. Hepatitis B Virus (HBV) Vaccination
a. HBV vaccinations shall be offered at no cost to all employees whose job involves a risk of directly contacting blood or other potentially infectious materials.
Vaccinations will be administered according to recommendations for standard medical practice. Recombinant Hepatitis B vaccine is available through the Student Health Service.

b. Employees may decline vaccination by completing the Hepatitis B Vaccine Declination Statement available as Appendix 10 to the BBP Exposure Control Plan.

c. Supervisors and/or principal investigators must ensure that Student Health Service is contacted at 935-6666 within 10 working days of hire or job responsibility change to discuss vaccination. Employees who have been previously vaccinated may have blood drawn for Hepatitis B serological testing.

V. Post Exposure Evaluation and Follow-up

a. The following protocols must be followed in response to parenteral or mucous membrane exposure to human blood, blood products, body fluids, tissues, cultures or other materials possibly containing bloodborne pathogens.

b. Cleanse area or wound site and report exposure.
   i. Danforth Campus or Tyson Research Center employees who have an occupational exposure to blood or potentially infected body fluids or tissues, or who suffer a research animal-related injury or disease, must report to their supervisor immediately and seek treatment at BarnesCare.
   ii. For exposure after 4:30 p.m. Monday through Friday, or on weekends, treatment should be obtained at the Barnes Jewish Hospital Emergency Department. In addition to verbal notice, Washington University policy requires that a Washington University Report of Injury or Illness form be filled out by the employee as soon as possible, and the bottom section of the form completed by the supervisor or department administrator. The completed form must be FAXED to the Insurance Department at 935-9795 or mailed immediately to Box 1084.

c. A significant exposure consists of the following:
   i. Needlestick or cut.
   ii. Splash or spill into the mouth, eye, open wound, acne, weeping dermatitis, chapped or abraded hands, etc.
   iii. Human bite or bite from an animal infected with human bloodborne pathogen or OPIM.

d. HIV and HBV Follow-up
   i. BarnesCare shall conduct follow-up to exposures and potential exposure in accordance with the needlestick protocol. To obtain a copy, contact the Insurance Department at 935-5547 or 935-5561.

VI. Training and Education of Employees

a. The department/division/investigator/supervisor shall ensure that all employees with exposure to human blood, body fluids, tissues or other potentially infectious materials participate in a training and education program. The program shall provide safety and hazard information appropriate in content and vocabulary to the educational level, literacy, and language background of the employees. The training program shall contain the following elements:
   i. A general explanation of the epidemiology and symptoms of HBV and HIV.
   ii. An explanation of the modes of transmission of HBV and HIV.
   iii. An explanation of the Washington University Exposure Control Program.
iv. An explanation of the uses and limitations of methods of control that may prevent or reduce exposure, including universal precautions, engineering controls, work practices and personal protective equipment. The investigator/supervisor shall supplement the training with specific instructions to each employee in his/her work area regarding unique or specific hazards.

v. The training program and the investigator/supervisor shall provide an explanation of the basis for selection of personal protective equipment.

vi. Information on the HBV vaccine, including its efficacy, and safety, as well as the benefits of being vaccinated, will be provided by the Student Health Service for the Danforth Campus.

vii. An explanation of the procedure to follow if an exposure incident occurs (the method of reporting the incident).

viii. An explanation of the signs, labels, tags and/or color coding used to denote biohazards.

1. It is the responsibility of the investigator/supervisor to explain any unique color codes or signage differing from the universal biohazard label and the word “biohazard” used for infectious waste handling and at the entrance to BSL2 or BSL3 laboratories.

ix. A videotape has been provided by the Danforth Campus for use in providing the training to the workers. It is the responsibility of the department or the division and the principal investigator/supervisor to ensure that each employee has received the necessary training.

VII. Recordkeeping

a. BarnesCare shall track each worker’s reported exposure incident to blood or other potentially infectious materials.

b. Needlestick injuries shall be appropriately reported to the immediate supervisor, the Washington University Insurance office, and the Body Substance Exposure Hotline (1-877-767-8397).

c. HIV and HBV infection, if appropriate, shall be reported per the Washington University policy for the prevention of transmission of bloodborne viral pathogens.

d. Contact the Safety Office at 935-9263 for information regarding the availability of the training information.

e. It shall be the responsibility of the Safety Office and Danforth Campus departments to record the name and date of each employee who is trained. All records shall be retained and made available to appropriate inspectors upon request.

f. Medical records shall be maintained for 30 years following the termination of employment. Training records will be retained for 3 years.

g. Qualification of the trainer will be maintained at the Safety Office.