Student: [Name, contact information]

Preceptor:  [Name, contact information]

Site: (this can be a lab or private or public health organization) [Please provide the complete name and address of the site.]

Learning Objectives: (examples)

• To learn molecular biology techniques and apply them to cloning, expressing and characterizing Ac-SPI, a serine protease inhibitor produced by *Ancylostoma caninunm*
• To learn about regulation, accreditation, and other policy aspects of the Human Hookworm Vaccine Initiative
• To learn about all the stages of vaccine development
• To learn good laboratory practices, standards of procedure and quality control
• To learn how to design and implement an epidemiologic survey

Proposed Activities: (examples)

• To clone, express and characterize novel hookworm proteins for the preceptor
• To run assays as directed
• To perform basic functions in lab management such as ordering supplies, maintenance, keeping a laboratory notebook
• To develop a survey to be implemented in the community

Duration and proposed schedule:

Evaluation:

• Detailed report and notebook outlining all work and data obtained in the laboratory
• Written paper describing the process of antigen discovery in vaccine development
• Written paper with analysis from the data collected
• Written evaluation of student performance by supervisor