

TIPS FOR COMPLETING THE J-1 Student Intern DS-7002 Part 2 E-form

(TRAINING/INTERNSHIP PLACEMENT PLAN)

A J-1 Student-Intern is required to present a Training/Internship Placement Plan, known as the Form DS-7002, when applying for a J-1 visa at a U.S. embassy or consulate. The DS-7002 outlines the proposed internship. It demonstrates that the Student-Intern and the hosting University of Kentucky department have agreed on the educational research objectives that will be reached during the program. It also explains how the Student-Intern will be supervised throughout the internship. This guide will assist you in completing the Final Approver e-form for J-1 Student Intern DS-7002 Part 2 section. These answers will be used in the DS-7002 generated by UK ISSS.

- **Description of Trainee/Intern's Role:** Brief, 1-2 sentence description stating specifically how the internship will complement the Student-Intern's academic program at his or her home institution.
 - *Example 1: The Student-Intern will be in charge of supporting technical work related to the regulation of adult stem cell activity in multiple mammalian tissues.*
 - *Example 2: The Student-Intern will be responsible for the development of a scientific manuscript in the field of reproductive medicine and nutrition that could be submitted for publication to a peer-reviewed medical journal.*
 - *Example 3: The Student-Intern will take part in the daily work at <name of lab/department>. He will perform supervised and non-supervised cell-sorts, sorting up to 8-colors of cell staining and analysis. He will perform short-term supervised research projects.*
- **Specific Goals and Objectives for this Phase:** This section must illustrate what will be learned by the Student-Intern. What must happen in order for this phase to be completed? What must happen before the Student-Intern can move on to the next phase, if applicable? A publication or a thesis can be an objective.
 - *Example 1: The objective of this internship is to provide the Student-Intern with research experience that will be used to complete the requirements for his Master's degree in Molecular Bioscience at X University. We will train him in multiple techniques relevant to cell biology, molecular genetics and biochemistry. By the end of his training, he should be familiar with interpreting data from multiple experiments and developing hypotheses for further testing.*
 - *Example 2: Specific tasks will include statistical data analysis, literature reviews, manuscript drafting and revision. Emphasis will be placed on data analysis. The Student-Intern will learn how to write a scientific report for publication in a peer reviewed medical journal and will acquire: User-level knowledge of epidemiologic study design; Basic user-level knowledge of statistical techniques for the analysis of medical data; User-level knowledge of implementation of epidemiologic and statistical concepts of reproductive medicine and nutrition problems*
 - *Example 3: To be able to run and troubleshoot special order instruments; Learn how to design and to perform up to 8 colors multi-color cytometry staining and analysis; Run cell sorting under different pressure conditions and interchangeable nozzles; Become familiar with: 96 well plate sorting; Slide Cell sorting; Micro- and nanoparticulates sorting.*
- **Names and title of those who will provide daily supervision:** What are these persons' qualifications to teach the planned learning? Each person who will have supervisory responsibilities must be listed here.
 - Name, Title, Qualifications (e.g. Ph.D. in Epidemiology. Co-author of 10 peer-reviewed publications in medical journals)
 - *Example: Professor X has been a Faculty Member for 5 years, and he currently supervises a research team consisting of 10 postdoctoral fellows and 3 Research Associates.*
- **What plans are in place for the trainee/intern to participate in cultural activities while in the United States?**

American cultural activities are a requirement of the J-1 Student-Intern regulations. The expectation is that, as the host department, you will provide the Student-Intern with planned, intentional American cultural experiences. It is not sufficient for the Student-Intern to simply have incidental contact with American students or researchers at an American university.

 - *Examples: The Student-Intern will be invited to attend conferences/lectures in the X department; participate in department happy hours or socials (only if the student is over the age of 21); attend dinner at supervisor's home; attend concerts or film festivals; attend specific UMN-sponsored events; attend sporting events; museum visits; holiday parties; BBQ/picnic; or visiting local cultural festivals.*
- **What specific knowledge, skills, or techniques will be learned?** The response should expand on the Goals and Objectives. It should provide substantial details regarding what the Student-Intern is going to learn by the end of the internship.
 - *Example: The Student-Intern will become familiar with FACS analysis, mammalian cell culture techniques, Cas9-mediated mutations, transgenic animal generation and western blots.*
- **How, specifically, will these knowledge, skills or techniques be taught?** Include specific tasks and activities.

- *Example 1: The Student-Intern will be closely monitored by a postdoctoral fellow in Professor X's laboratory. He will begin by learning and observing techniques; practicing one or two at a time and becoming proficient before adding more, and ultimately will be expected to become independent and proficient such that he can complete these lab techniques himself. There will be weekly lab team meetings with opportunities for questions and discussion.*
- *Example 2: The Student-Intern will join a week-long training provided by X lab to become an auditor in introductory-level epidemiology and biostatistics courses offered to graduate students. The Student-Intern will also participate in a bi-weekly seminar at the Nutrition and Epidemiology departments. The Student-Intern will participate in the weekly and monthly meetings of Dr. X's lab research groups, at which research projects for students and post-docs are discussed.*
- *Example 3: The Student-Intern will attend lectures on instrumentation and cytometry. He will assist with the calibration of equipment and fluorescent protein-based cell sorting. He will assist with multi-color cell analysis; DNA and cell analysis; and imaging cytometry analysis. He is expected to become familiar with FACS data standards, and batching analysis. We fully expect him to develop expertise through specific short-term research projects.*

- **How will the Trainee or Intern's acquisition of new skills and competencies be measured?**

This section must describe how the faculty supervisor is evaluating the performance of the Student-Intern in light of the goals and objectives described in the training plan.

The faculty supervisor is required to complete a written evaluation of the Student-Intern if the internship lasts 6 months or less, and two written evaluations if the internship is longer than 6 months. Evaluations must be in writing and provided at the conclusion of a phase and/or the Internship.

- ISSS has Evaluation forms (Mid-point and Final) that you must use.
 - *Example 1: The Student-Intern's performance will be evaluated weekly by Professor X, and daily by graduate students and postdoctoral fellows working with the Student-Intern. The Student-Intern's acquisition of new skills will be measured by the research results and conclusions he draws; this will be documented as part of a final, written report that will be submitted to his dissertation advisor at Y University.*
 - *Example 2: Performance will be evaluated by the achievement of specific tasks necessary to produce a high-quality scientific manuscript. This includes evaluation of progress with analyses; generation of tables and figures; and generation of manuscript drafts. Depending on performance, the Student-Intern may also be encouraged to produce abstracts for scientific meetings based on his work. His work will be measured on a daily basis using a scale from 1 to 5. This daily evaluation will be sent to his home university and provided to him directly upon completion of the internship.*
- **Additional Phase Remarks:** You may add anything you believe is important. This section is optional.