Updates to Instructions:

Section 2.10: Protocol Associates
-One sentence added to clarify the PRL access policy with regard to undergraduates.

Section 4.1.1.3: Reduction: Justification of Animal Numbers
-Example text added to illustrate how animal numbers should/can be justified.

Section 4.1.1.4: Statistical Program or Analysis Used
-Instructions modified to clarify what is being asked.

Section 4.1.1.7.1.1: Clinically Adverse Effects
-Instructions modified with new examples.

Section 4.1.9.1.1: Breeding of Transgenic Rodents Part II
-Instructions modified to clarify what is being asked.

Section 4.3: Replacement and Refinement - Database Search for Alternatives and Unnecessary Duplication
-Title modified to include “Unnecessary”

Section 4.4: Narrative of Alternatives and Unnecessary Duplication
-Title modified to include “Unnecessary”

Section 6.1: Proposed Procedures
-Sentence added regarding appropriate section for euthanasia description

Section 6.2: Procedure Timeline List
-Example timeline row added to instructions

Section 6.5.2.1: Other Method
-Sentence added clarifying that a response of “N/A” is sometimes appropriate

Section 9.1: Select all that apply
-Clarifying text added to response option regarding “laser irradiation”

Section 10.2.1.1: Identify Procedures, Justification for Transport, and Transport Method
-Modified title and added instruction text to clarify that transport to all locations and procedures outside of PRL must be justified

Section 11.1.4.1: Sanitization Deviation
-Clarification of instruction text (to include any deviation for the PRL facility standard)
**Section 12.2: Early Endpoints**
- Common endpoints listed in instruction text modified to apply to all rodents

**New/modified response options:**

**Section 2.4: Principal Investigator Experience and Training**
- This section, similar the Protocol Associates section, now provides an opportunity for PIs to describe their qualifications to lead the research proposed in the protocol application.

**Section 5.5: Certifications regarding Alternatives and Unnecessary Duplication**
- Added checkboxes to supplement sections 4.3 and 4.4

**Section 6.3: Physical Restraint of Awake Animals**
- New response option – “No restraint”

**Section 6.4: Anesthesia, analgesia, or sedation**
- New response option – “Not Applicable”

**Section 7.3: Non-Pharmaceutical Materials**
- New response option – “Not Applicable”

**Section 14.1: Certification**
- Removal of checkbox and clarification that e-signature serves as certification of included statements