

CHANGES & CLARIFICATIONS 2017 INTEL ISEF RULES & GUIDELINES

General Clarifications

- ISEF Rules allow SRC Prior Review and Approval l by **either** Local or Affiliated Fair SRC (Your fair may choose to allow only Affiliated Fair Prior Review and Approval)
- Students are allowed to work with marijuana (DEA Schedule 1 substance), drones, and/or alcohol but must follow **ALL** applicable laws and regulations
- The Research Plan/Post Project Summary was **rewritten for clarity**

Human Participant Clarifications (See Rules for complete descriptions of criteria)

- **Exempt Studies:**
Do not require IRB Prior Review and Approval
Do not require Form 4
- **Expedited Review Studies:**
Require IRB Prior Review and Approval by one IRB member
Require Form 4
- **All other Human Participant Studies:**
Require IRB Prior Review and Approval by full IRB (3 members)
Require Form 4

Vertebrate Animals

- Clarified wording: Bird and reptile eggs are not considered vertebrate animals within 3 days **prior to hatching**

PHBA's

- **Mushrooms:** Clarified wording to mean **only edible mushrooms** are exempt from SRC Prior Review and Approval
- **Rule Change for Allowable PHBA studies** (P. 15, 3f):
Insertion of antibiotic resistance markers for the clonal selection of bioengineered organisms **is NOW permitted.**
However, students still **may not** genetically engineer organisms with multiple drug resistance traits (e.g. a 'superbug' or organisms that cannot be treated with current antibiotic therapy.)

Form Changes

Form 1C

- The questions on this form were changed to help judges better understand the **student's role** in designing and carrying out the study

Form 6A

- Changes to wording to provide simplification of **certification process**
- For projects that do not require **RRI Prior** Review and Approval, a letter from the Institution **is no longer required**