**What’s New for the 2020 Fair**

**General:**

* Expanded Ethics Statement
* Roles and Responsibilities of the Students and Adults has been rewritten and reformatted
* Added Responsibilities for Qualified Scientist and Designated Supervisor
* Clarified PHBA rules
* Revised "Engineering Projects Guide"

**Human Participants:**

* Pg. 9, Rule 6: Students are prohibited from independently diagnosing disease, administering medication and/or performing medical procedures.
* Pg. 9, Rule 1 of Human Participant Involvement in Student-designed Invention, Prototype, Computer Application & Engineering/Design Projects: IRB review and pre-approval is necessary when the student-designed invention, prototype, application, etc. is tested by human participants other than the student researcher(s) or a single adult guardian, adult sponsor/QS/DS when the testing requires an adult tester

**PHBAs:**

* Pg. 14, Rule 8: insertion of antibiotic resistance markers for the clonal selection of bioengineered organisms is permitted, with the following exceptions:
  + Students are prohibited from the insertion of antibiotic resistance traits...
  + Students are prohibited from designing or selecting for multiple drug resistance organisms...

**Engineering Projects Guide:**

* Changed section heading from "Human Participants" to "Device Testing with Human Participants”

**Ethics Statement:**

* Expanded Ethics Statement:
  + Addresses integrity, legality, respect for confidentiality and intellectual property, and stewardship of the environment.
  + Student researchers, as well as adults who have a role in their projects, are expected to maintain the highest ethical standards.”

**If you have any questions or concerns, please contact CoorsTek DMRSEF at Denversciencefair@UCDenver.edu**