

Checklist for Adult Sponsor (1)

This completed form is required for ALL projects.

To be completed by the Adult Sponsor in collaboration with the student researcher(s):

Student's Name(s): Parth Kulkarni

Project Title: Meta-Heuristic Algorithm using Ant Colony Optimization

1. ☒ I have reviewed the Intel ISEF Rules and Guidelines.
2. ☒ I have reviewed the student's completed Student Checklist (1A) and Research Plan.
3. ☒ I have worked with the student and we have discussed the possible risks involved in the project.
4. ☐ The project involves one or more of the following and requires prior approval by an SRC, IRB, IACUC or IBC:
 - ☐ Humans
 - ☐ Vertebrate Animals
 - ☐ Potentially Hazardous Biological Agents
 - ☐ Microorganisms ☐ rDNA ☐ Tissues
5. ☒ Items to be completed for **ALL PROJECTS**
 - ☒ Adult Sponsor Checklist (1)
 - ☒ Student Checklist (1A)
 - ☒ Research Plan
 - ☒ Approval Form (1B)
 - ☐ Regulated Research Institutional/Industrial Setting Form (1C) (when applicable after completed experiment)
 - ☐ Continuation/Research Progression Form (7) (when applicable)
6. **Additional forms required if the project includes the use of one or more of the following** (check all that apply):
 - ☐ **Humans** (Requires prior approval by an Institutional Review Board (IRB); see full text of the rules.)
 - ☐ Human Participants Form (4) or appropriate Institutional IRB documentation
 - ☐ Sample of Informed Consent Form (when applicable and/or required by the IRB)
 - ☐ Qualified Scientist Form (2) (when applicable and/or required by the IRB)
 - ☐ **Vertebrate Animals** (Requires prior approval, see full text of the rules.)
 - ☐ Vertebrate Animal Form (5A)—for projects conducted in a school/home/field research site (SRC prior approval required.)
 - ☐ Vertebrate Animal Form (5B)—for projects conducted at a Regulated Research Institution. (Institutional Animal Care and Use Committee (IACUC) approval required prior experimentation.)
 - ☐ Qualified Scientist Form (2) (Required for all vertebrate animal projects at a regulated research site or when applicable)
 - ☐ **Potentially Hazardous Biological Agents** (Requires prior approval by SRC, IACUC or Institutional Biosafety Committee (IBC), see full text of the rules.)
 - ☐ Potentially Hazardous Biological Agents Risk Assessment Form (6A)
 - ☐ Human and Vertebrate Animal Tissue Form (6B)—to be completed in addition to Form 6A when project involves the use of fresh or frozen tissue, primary cell cultures, blood, blood products and body fluids.
 - ☐ Qualified Scientist Form (2) (when applicable)
 - ☐ **Hazardous Chemicals, Activities and Devices** (No prior approval required, see full text of the rules.)
 - ☐ Risk Assessment Form (3)
 - ☐ Qualified Scientist Form (2) (required for projects involving DEA-controlled substances or when applicable)

Note: The following are exempt from prior review but require a risk assessment: projects involving protists, archae and similar microorganisms, for projects using manure for composting, fuel production or other non-culturing experiments, for projects using color change coliform water test kits, microbial fuel cells, and for projects involving decomposing vertebrate organisms.

Dianne Schroeder
Adult Sponsor's Printed Name


Signature

11/16/16
Date of Review

813 707-7522
Phone

dianne.schroeder@sdhc.k12.fl.us
Email