

## 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): Kyle Pinzon

Project Title: Optimizing the Adsorption Operating Conditions for Dual Functional Material in Direct Capture of CO<sub>2</sub> from Air.

1. ☒ I have reviewed the ISEF Rules and Guidelines.
2. ☒ I have reviewed the student's completed Student Checklist (1A) and Research Plan/Project Summary.
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
  - ☐ Potentially Hazardous Biological Agents
  - ☐ Vertebrate Animals
  - ☐ Microorganisms
  - ☐ rDNA
  - ☐ Tissues
5. ☒ Items to be completed for ALL PROJECTS
  - ☒ Adult Sponsor Checklist (1)
  - ☒ Research Plan/Project Summary
  - ☒ Student Checklist (1A)
  - ☒ Approval Form (1B)
  - ☒ Regulated Research Institutional/Industrial Setting Form (1C) (when applicable; after completed experiment)
  - ☐ Continuation/Research Progression Form (7) (when applicable)

Additional forms required if the project includes the use of one or more of the following (check all that apply):

- ☐ Humans, including student designed inventions/prototypes. (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 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)
  - ☐ The following are exempt from prior review but require a Risk Assessment Form 3: projects involving protists, archae and similar microorganisms, for projects using manure for composting, fuel production or other non-culturing experiments, projects using color change coliform water test kits, microbial fuel cells, and projects involving decomposing vertebrate organisms.
- ☒ Hazardous Chemicals, Activities and Devices (No SRC 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)
- ☐ Other
  - ☐ Risk Assessment Form (3)

Renee Barcia  
Adult Sponsor's Printed Name

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10/21/2019  
Date of Review (mm/dd/yy)