



# 2024 RCSEF Abstract

<b>Project Title</b>		<b>Project ID #</b> (Completed by RCSEF)	
<b>Student Name</b>	1.	<b>Category Selection</b> Mark an "X" for your category selection.	
<b>Team Member(s)</b>	2.		
If applicable	3.		
<b>Affiliated Fair Name</b>		<input type="checkbox"/>	Animal Sciences
<b>School Name</b>		<input type="checkbox"/>	Behavioral and Social Sciences
<b>Teacher Name</b>		<input type="checkbox"/>	Biochemistry
<b>Grade Level</b>		<input type="checkbox"/>	Cellular and Molecular Biology
<b>Adult Support Provided</b>		<input type="checkbox"/>	Chemistry
<b>Abstract</b> Your abstract should be written after you finish your project and should include: 500 words or less (to fit on one page)  1. Background/Purpose 2. Problem/Question 3. Methods/Procedure 4. Claim/Results 5. Applications, Further Considerations		<input type="checkbox"/>	Computational Biology and Bioinformatics
		<input type="checkbox"/>	Earth and Planetary Sciences
		<input type="checkbox"/>	Embedded Systems
		<input type="checkbox"/>	Engineering, Electrical & Mechanical
		<input type="checkbox"/>	Engineering, Energy & Transport
		<input type="checkbox"/>	Engineering, Materials & Bioengineering
		<input type="checkbox"/>	Environmental Sciences & Management
		<input type="checkbox"/>	Health & Medical Sciences
		<input type="checkbox"/>	Mathematics
		<input type="checkbox"/>	Microbiology
		<input type="checkbox"/>	Physics and Astronomy
		<input type="checkbox"/>	Plant Sciences
		<input type="checkbox"/>	Robotics and Intelligent Machines
<input type="checkbox"/>	Systems Software		

## Does your project involve...

- Yes**  **No** Interactions and data collection from people in any way? Are you asking people questions? Experiments on yourself? Experiments with people in any way?  
(RCSEF Jr/Sr Form 4: Human Participants and Informed Consent Form)
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- Yes**  **No** Investigations using your pet(s)? Fish? Any other animals that have bones?  
(RCSEF Jr/Sr Forms 5A & 5B: Vertebrate Animal Form)
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- Yes**  **No** The use of any chemicals, such as household or industrial cleaning agents, solvents, metals or organic chemicals  
(RCSEF Jr/Sr Form 3: Risk Assessment Form)
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- Yes**  **No** The use or construction of model rockets? Lasers? UV Light? Radiation? Guns or gun powder? Fire?  
(RCSEF Jr/Sr Form 3: Risk Assessment Form)
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- Yes**  **No** Research and Data from a project previously entered into a Science and Engineering Fair?  
(RCSEF Jr/Sr Form 7: Continuation Projects Form)
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- Yes**  **No** Collection and growth of mold, fungus, bacteria or viruses? Are you experimenting with anything that could make you sick? Are you experimenting with anything coming from a human or animal body such as cells, teeth, bones, eggs, fluids, blood, urine, or saliva?  
(RCSEF Jr/Sr Forms 6A and/or 6B)
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- Yes**  **No** Research and data collection that is conducted and supervised at a lab outside of the school setting? Research at a Regulated Research Institutional/Industrial Setting?  
(RCSEF Jr/Sr Form 1C: Regulated Research Institutional / Industrial Setting Form)

