Approval Form (1B)
A completed form is required for each student, including all team members.

1.	То	Be	Comp	leted	by	Student	and	Parent

- a. Student Acknowledgment:
 - I understand the risks and possible dangers to me of the proposed research plan.
 - I have read the ISEF Rules and Guidelines and will adhere to all International Rules when conducting this

Student researchers are expected to maintain tare not condoned at any level of research or coor presentation of other researcher's work as occompetition in affiliated fairs and ISEF. Saman Ha Chin	mpetition. Such practices include b	ut are not limited to plagiarism, forgery, use
Student's Printed Name b. Parent/Guardian Approval: I have rea Research Plan/Project Summary. I co		
So Yuet Yuen	Gothe fuer	10/1119
Parent/Guardian's Printed Name	Signature	Date Acknowledged (mm/dd/yy) (Must be prior to experimentation.)
a. Required for projects that need prior SRC/IRB BEFORE experimentation (humans, vertebrates hazardous biological agents). The SRC (IRB has a second like that is a thickness in the Research III).	or potentially institutions OR This project was	or research conducted at all Regulated Research with no prior fair SRC/IRB approval. conducted at a regulated research institution the school, etc.), was reviewed and approved by the
The SRC/IRB has carefully studied this project's Rese Project Summary and all the required forms are inclusing signature indicates approval of the Research Plan/P before the student begins experimentation.	uded. My proper institutio	nal board before experimentation and complies les. Attach (1C) and any required institutional
Project Summary and all the required forms are inclusionature indicates approval of the Research Plan/P before the student begins experimentation. The SMAS FIX INS	proper institution with the ISEF Ru approvals (e.g. I.	nal board before experimentation and complies iles. Attach (1C) and any required institutional ACUC, IRB).
Project Summary and all the required forms are inclusing at the Research Plan/P before the student begins experimentation. The SMAS FIX INS SRC/IRB Chair's Printed Name	uded. My proper institution with the ISEF Ru	nal board before experimentation and complies iles. Attach (1C) and any required institutional ACUC, IRB).
Project Summary and all the required forms are inclusionature indicates approval of the Research Plan/P before the student begins experimentation. The SMAS FIX INS	proper institution with the ISEF Ru approvals (e.g. I/SRC Chair's Prin	nal board before experimentation and complies iles. Attach (1C) and any required institutional ACUC, IRB).

SRC Approval After Experimentation and Before Competition at Regional/State/National Fair I certify that this project adheres to the approved Research Plan/Project Summary and complies with all ISEF Rules.			
Regional SRC Chair's Printed Name	Signature	Date of Approval (mm/dd/yy)	
State/National SRC Chair's Printed Name (where applicable)	Signature	Date of Approval (mm/dd/yy)	

Approval Form (1B)

A completed form is required for each student, including all team members.

1. To Be Completed by Student and Parent

- a. Student Acknowledgment:
 - I understand the risks and possible dangers to me of the proposed research plan.
 - I have read the ISEF Rules and Guidelines and will adhere to all International Rules when conducting this
 - I have read and will abide by the following Ethics statement

Student researchers are expected to maintain the highest standards of honesty and integrity. Scientific fraud and misconduct are not condoned at any level of research or competition. Such practices include but are not limited to plagiarism, forgery, use or presentation of other researcher's work as one's own, and fabrication of data. Fraudulent projects will fail to qualify for

	as one of our spanned to the control of data	arradament projects vinital to quality for
competition in affiliated fairs and ISEF.	$ \bigcirc$ \bigcirc \bigcirc	
Emma Wang	CW	10/1/19
itudent's Printed Name	Cianatum	D-1- A-1
student's Printed Name	Signature	Date Acknowledged (mm/dd/yy)
		(Must be prior to experimentation.)
b. Parent/Guardian Approval: I have	read and understand the risks and	possible dangers involved in the
Research Plan/Project Summary. I	consent to my child participating i	n this research.
Emily Yang	42	10/1/19
Parent/Guardian's Printed Name	Signature	Date Acknowledged (mm/dd/yy)
	((Must be prior to experimentation.)

OR

To be completed by the local or affiliated Fair SRC (Required for projects requiring prior SRC/IRB APPROVAL, Sign 2a or 2b as appropriate.)

 Required for projects that need prior SRC/IRB approval BEFORE experimentation (humans, vertebrates or potentially hazardous biological agents).

The SRC/IRB has carefully studied this project's Research Plan/

Project Summary and all the required forms are included. My signature indicates approval of the Research Plan/Project Summary before the student begins experimentation.				
Thomas Elkins				
SRC/IRB Chair's Printed Name				
11 96	10/01/19			
Signature	Date of Approval (mm/dd/yy)			
	(Must be prior to experimentation.)			

Required for research conducted at all Regulated Research Institutions with no prior fair SRC/IRB approval.

This project was conducted at a regulated research institution (not home or high school, etc.), was reviewed and approved by the proper institutional board before experimentation and complies with the ISEF Rules. Attach (1C) and any required institutional approvals (e.g. IACUC, IRB).

SRC Chair's Printed Name Date of Signature (mm/dd/yy) Signature

(May be after experimentation)

3. Final ISEF Affiliated Fair SRC Approval (Required for ALL Projects)

SRC Approval After Experimentation and Before Competition at Regional/State/National Fair I certify that this project adheres to the approved Research Plan/Project Summary and complies with all ISEF Rules.			
Regional SRC Chair's Printed Name	Signature	Date of Approval (mm/dd/yy)	
State/National SRC Chair's Printed Name (where applicable)	Signature	Date of Approval (mm/dd/yy)	