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

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 G research.I have read and will abide by the				ules when conducting this.
Student researchers are expected to mainta are not condoned at any level of research or or presentation of other researcher's work a	competition. Such	n pra	ctices include but are not	limited to plagiarism, forgery, use
competition in affiliated fairs and ISEF. Miles Kim	Mil	C	Kim	10/01/19
Student's Printed Name	Signature			Date Acknowledged (mm/dd/yy) (Must be prior to experimentation.)
b. Parent/Guardian Approval: I have r Research Plan/Project Summary. I				9
Joann Kim	Johnstein		The parting in this research	10/01/19
Parent/Guardian's Printed Name	Signature			Date Acknowledged (mm/dd/yy) (Must be prior to experimentation.)
2. To be completed by the local or a (Required for projects requiring prior S	SRC/IRB APPROV		Sign 2a or 2b as appropr	
 Required for projects that need prior SRC/IRB approval BEFORE experimentation (humans, vertebrates or potentially hazardous biological agents). 			Institutions with no p	r conducted at all Regulated Research rior fair SRC/IRB approval.
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.			(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/IRB Chair's Printed Name			SRC Chair's Printed Name	
0 ,,	oval (mm/dd/yy) experimentation.)		Signature	Date of Signature (mm/dd/yy) (May be after experimentation)
3. Final ISEF Affiliated Fair SRC Ap	proval (Red	ı quir	red for ALL Projects	;)
SRC Approval After Experimentation and Befor I certify that this project adheres to the approved				all ISEF Rules.
Regional SRC Chair's Printed Name	Signature			Date of Approval (mm/dd/yy)
State/National SRC Chair's Printed Name	Signature			Date of Approval (mm/dd/vv)

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

research. • I have read and will	abide by the following Ethics s	tate	ement			
are not condoned at any level of	fresearch or competition. Such cher's work as one's own, and fa nd ISEF.	pra abrio	ctices include but are n cation of data. Fraudule	rity. Scientific fraud and misconduct of limited to plagiarism, forgery, use ent projects will fail to qualify for 10/01/19		
	<u>Benja</u>	<u>M</u> .	in Alexander			
Student's Printed Name	Signature			Date Acknowledged (mm/dd/yy) (Must be prior to experimentation.)		
	oval: I have read and understa Summary. I consent to my chi					
Marsha Alexander	Summary, reoffsent to my cin	u pe		10/01/19		
Parent/Guardian's Printed Nan	ne Signature			Date Acknowledged (mm/dd/yy) (Must be prior to experimentation.)		
a. 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		OR	b. Required for research conducted at all Regulated Research Institutions with no prior fair SRC/IRB approval. OR 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			
signature indicates approval of the Research Plan/Project Summary before the student begins experimentation.			with the ISEF Rules. Atta approvals (e.g. IACUC, II	ach (1C) and any required institutional RB).		
SRC/IRB Chair's Printed Name			SRC Chair's Printed Nam	ne		
Signature (Mu	Date of Approval (mm/dd/yy) ust be prior to experimentation.)		Signature	Date of Signature (mm/dd/yy) (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 Nam	e Signature			Date of Approval (mm/dd/yy)		

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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)			