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

 To Be Completed by Student and Pare

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

 I have read and will abide by the 	following Ethi	cs st	atement		
Student researchers are expected to maintamisconduct are not condoned at any level oplagiarism, forgery, use or presentation of projects will fail to qualify for competition	of research or co other researche	ompo er's w	etition. Such practice ork as one's own, and	s include but	are not limited to
Randel Placino	_ they	/	Men	01/27/19	
Student's Printed Name b. Parent/Guardian Approval: I have				(Must be p ble dangers in	wledged (mm/dd/yy) rior to experimentation.) volved in the
Research Plan/Project Summary. Rodel Placino	consent to my	Chilo	participating in this	01/27/19	
Parent/Guardian's Printed Name	Signature			Date Ackno	wledged (mm/dd/yy) rior 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 signature indicates approval of the Research Plan/Project Summary before the student begins experimentation. SRC/IRB Chair's Printed Name		OR	b. 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 Intel ISEF Rules. Attach (1C) and any required institutional approvals (e.g. IACUC, IRB). SRC Chair's Printed Name		
Signature Date of Approve (Must be prior to exp			Signature	Date	e of Approval (mm/dd/yy)
3. Final Intel ISEF Affiliated Fair SI	RC Approval	(F	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 Intel 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	Comple	eted 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 Intel 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 statement

David Durdaller	David Du	ndaller	1/27/19
b. Parent/Guardian Approval: I ha			
Research Plan/Project Summa Carmen Durdaller	Carnen		1/27/19
Parent/Guardian's Printed Name	Signature		Date Acknowledged (mm/dd/yy) (Must be prior to experimentation.)
 Required for projects that need prior SR BEFORE experimentation (humans, verter hazardous biological agents). The SRC/IRB has carefully studied this project Project Summary and all the required forms and all the required forms. 	brates or potentially 's Research Plan/	OR This project was co	research conducted at all Regulated Research vith no prior fair SRC/IRB approval. onducted at a regulated research institution school, etc.), was reviewed and approved tutional board before experimentation and
signature indicates approval of the Research Summary before the student begins experimental students.	Plan/Project	complies with the	Intel ISEF Rules. Attach (1C) and any required ovals (e.g. IACUC, IRB).
SRC/IRB Chair's Printed Name	-	SRC Chair's Printed	d Name
	oroval (mm/dd/yy) o experimentation.)	Signature	Date of Approval (mm/dd/yy)
3. Final Intel ISEF Affiliated Fai SRC Approval After Experimentation and B I certify that this project adheres to the appr	efore Competition at R	egional/State/National	Fair
Regional SRC Chair's Printed Name	Signature		Date of Approval (mm/dd/yy)

(where applicable)