Regulated Research Institutional/Industrial Setting Form (1C)
This form must be completed AFTER experimentation by the adult supervising the student research conducted in a regulated research institution, industrial setting or any work site other than home, school or field.

Stud	ent's Name(s)	Julianne Lampert				
Title	of Project	Epitaxial Growth and Characterization of a Novel (001) Cd3As2	2 Thin Fil	m on	a Lat	tice
To be	completed by conses must be o	y the Supervising Adult in the Setting (NOT the Student(s)) after exponthe form as it is required to be displayed at student's project booth; please do	erimenta o not print	i tion: double	-sided.	.)
1. D	id you or your pr ubstantial guidar If no, describe	cted research at my work site: croxy (e.g. graduate student, postdoc, employee) mentor or provide cance to the student researcher? de your and/or your institution's role with the student researcher and ect (e.g. supervised use of equipment on site without ongoing mentorship ow.		Yes		No
b.	If yes, comple	ete questions 2 –5.				
U	se questions 3, 4	esearch project a subset of your ongoing research or work? 4 and 5 to detail how the student's project was similar and/or going research or work at your site.	0	Yes		No
3. D	developed the	ependence and creativity with which the student: e hypotheses or engineering goals for the research project background on Julie's research topic. She died literature to define her hypothesis and				
	finalize her	research goals for the project. During the oticed Julie's independance and creativity.				
b.	designed the r	methodology for his/her research project				
	l offered a gresearch. Juresearch go	general framework of the methods used for her Julie customized the methodology based on her oals.				
C.	100000000000000000000000000000000000000	interpreted data				
	I initially sho Afterward, c research ob	lowed Julie how to analyze data using Python. Julie customized the code to meet her bjectives.				

(Continued on next page)

Regulated Research Institutional/Industrial Setting Form (1C) Continued

Stu	tudent's Name(s) Julianne Lampert		
4.	Detail the student's role in conducting the reperformed). Differentiate what the student of Under my supervision, Julie learned	how to use Atomic Force	
	Microscopy, X-Ray Diffraction, Hall E Physician Properties Measurements Beam Epitaxial thin film growth. She equipment under direct supervision, with a unique interpretation of the resunderstand the operating mechanism	using Dynacool, and Molecular independently operated much of this documented the data, and came up sults. She was driven and curious to	
5.	. Did the student(s) work on the project as par If yes, how many individuals were in the grou	rt of a group? up and who were they (e.g. high school	☑ Yes □ No
	students, graduate students, faculty, profess	ional researchers)?	
	The lab group consisted of two post- students, and one undergraduate stu	doctoral researchers, two graduate udent.	
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	institutional regulatory board (IRB/IACUC/II I further acknowledge that the student will b	rork as indicated above and that any required rev BC) has been obtained. Copies are attached if apperenting this work publicly in competition arestormy review, and/or restrictions of what is publicly in competition are some manufacturers.	plicable. nd I have communicated with the
	Manik Goyal	langoy Gra	aduate Student
		ature Tit	, ,
	University of California, Santa Barba		8/03/19 te Signed (must be after experi-
	Santa Barbara, CA 93106	me	ntation) (mm/dd/yy) nikgoyal@ucsb.edu

Address

Email/Phone