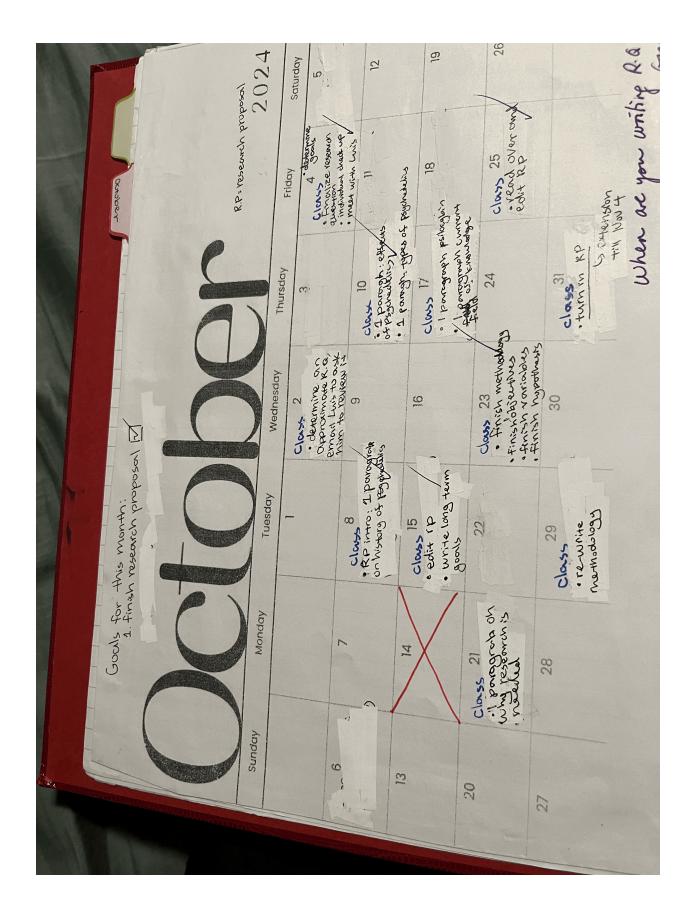
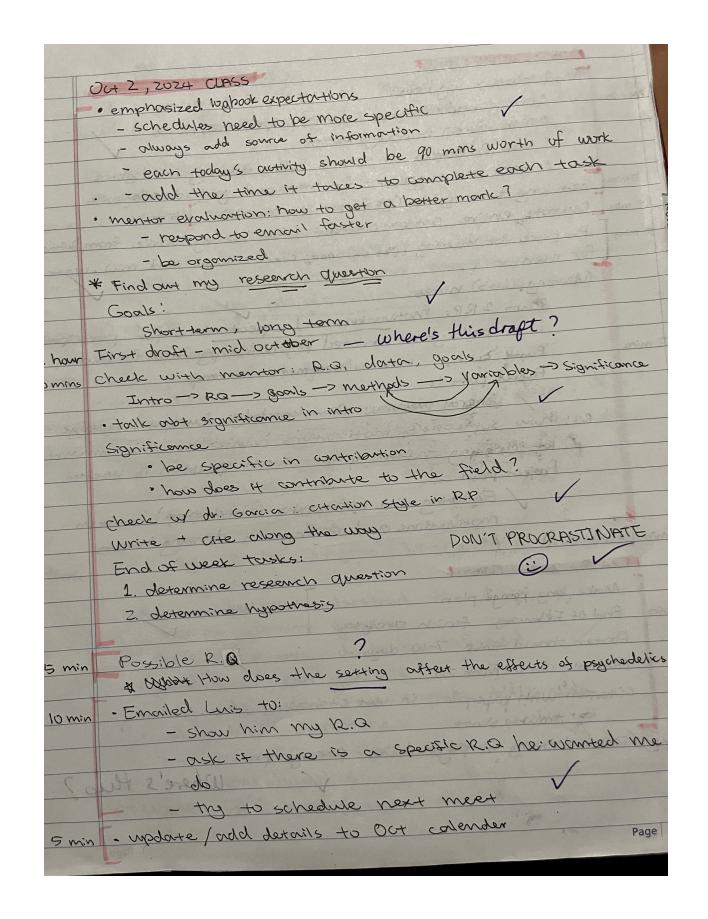
Earthings on google doe, see, background research chackground research chackwhent on assignment bate Sep 6, 2024 CLASS + MEET ~ moved to next week · read and analyze Psychodelius (2016) for 35 minutes IM · update background research on docs, after reading the aforementioned auticle II (40 ming) September 10, 2024 CLASS + MEET Things discussed during meet: Magic mushrooms: type of mushroom that produces halluctnogens to protect themselves · project proposal will be put together towards the end of September · Next meet: end of September, tod · Task: Finish background research reading by the end of September + Left early to see Ms. Sutherland September 12, 2024 CLASS Individual check-in: . set doily guided reading goals · Set weekly meeting with Luis · determine research question Analyze Psychedelics (2016), complete 3 guided reading questions [] September 16, 2024 CLASS · Went over how to use parpenpile Site right often mentioning the curther learned how to bearn citation with our purdue Research proposal 12) study: no variable/hypothesis L> experiment: variable/hypothesis -> Innovation; No variable/hypothesis · Research question(s), goals (short term + long term)
· Intro: lead to research question

Page TOTAL STREET

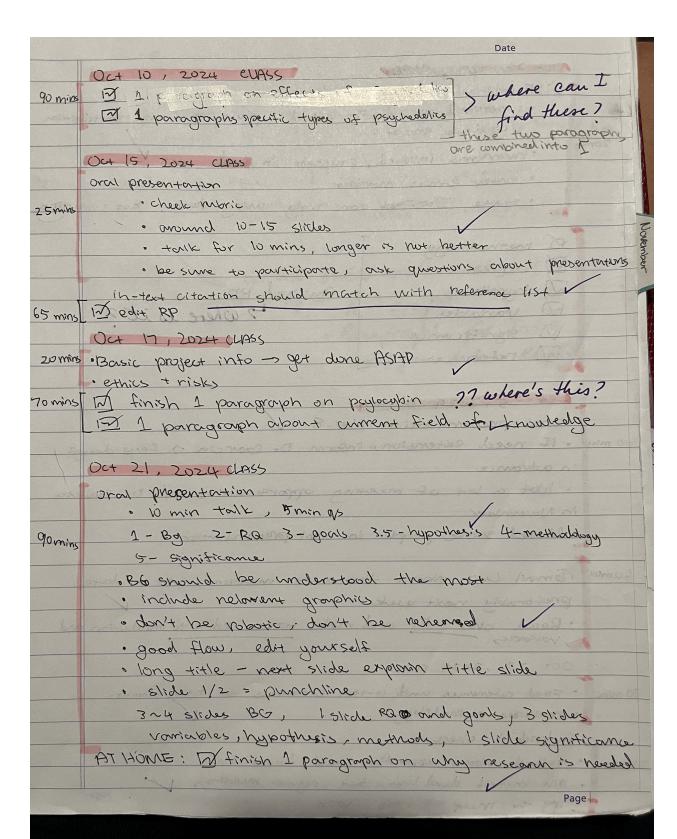
	Date
	Research paper Intro
	2. Specific types (couple paragraphs) BE WIVELSE!
	3. treatment
	4. controversy/lack of research
	· push push push! (respectfully)
,	· take to Dr. Garaña
	· just get started
	· Complete 3 guided reading questions M
	September 18, 2024 CLASS
	· finished guided reading questions [v] (google doss)
	September 20 CLASS
	· emailed Luis:
	· He has a conference next week, no meeting. Will
	get back to me after
	Mystical experience: part of subjective psychedelic
	experience, associated w/ sense of euphorra. (absti
	Why to concept)
	Party setting -> recreational use of psychodelis
	whith concept) or party setting -> recreational use of psychodelics for primming = exposure to stimulus sub prompt refers to a sub content toggered ensues from priv
	refers to a sub context triggered ensues from priv
	Course ego-dissolution; "lusing" sense of self. Can be
	positive or negative.
	positive: teeling sense us unity
	negative: Feeling destached
	September 24 CLASS
	weekly checkin:
	• Start writing introduction that leads to research ques- present intro to Law during next meet and make edits
	· present vitro to Louis among near mace and made edits
	September 26 CLASS
The same of the sa	· Add more derails to guided reading questions on do





OC+4, 2024 CLASS More about loghooks: 30 mins · backgramd research, dates, paper title, notes · more detail is always better · ask Dr. Garcia to check before turning in lagbook · went over suggestions for notion and goode does logloook 5 mins [Set long term goals (goals for this month) 15 mins Remote entire October calendar after heaving advice from D. Garria Prepare for meeting (get up zoom, check commo and mic) , wast Meeting (Luis) notes: Ra: How do motivations and expectations for participating in a psilocybin-assisted psychotherapy trial for alcohol 5 mins tuse disorder relate to treatment outcomes Project part 1: General overview: Post knowledge, current knowledge, how the research question is significant. Evidence on why answering research question is useful Angieut part 2: / Exploring the nelationship (correlation) between motivations and changes in drinking habits 15min [fire drill OCH 8, 2024 CLASS Make long range plan Forming End of February: finish analysis talk twith menton Poster should take 7-10 days Portal dose Mar 28 citation with paperpole: in-text citatitions when writing ming to Finish history of psychedelies pomagrouph where's this? Page

- week at Detail

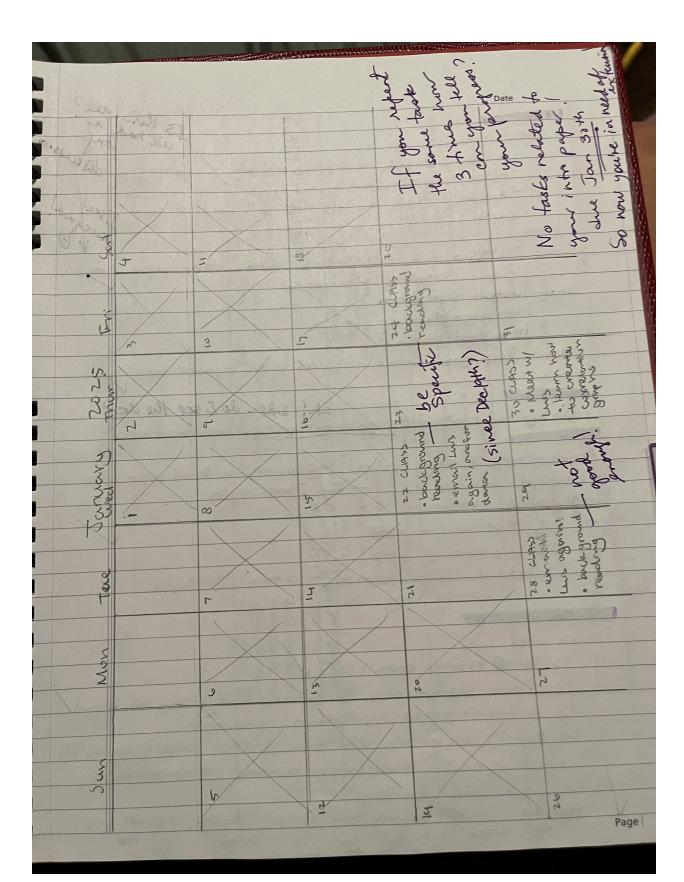


	Nov 21 2024 CLASS	
V	o interpreted motivation part of the exal sheet (GC 1)	
	Nov 25 2024 CLASS	
	Read "The Therapeutic potential is Relative	
•	"Read "The Therapeutic potential of Psilocylan sec gargle class	100
77	· plan for next month.	
9	- double chuck dath interpreted	
	- Creato Draves Los III	
	- create figures from all dants - decide union figures will be in final report	
	- create an analysis pipeline	
30	NOV 26 - / AB MEET III	
1	Rolling observations as all	
	(ROMP) assessment of MDMA assisted psychotheral	2.1
Due	- do people act. II	4
800 6	- do people actually get better from these treatments? emdocannabinord systems (EBs) -> large role in regulating stress and	
m	Tiel sold gaterns (EBs) -> large role in regulary	
Hors	server were next on	
-	S 50810 TO 5000	
1	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	
	of brain	
	of brain structure or function	
	a used in both clinical settings and research.	-
	a house man settings and research	Name of Street,
1400	wit works, different methods + prospons,	-
	- harding	-
	goragen has one proton (1)	-
V	- hydrogen has one proton when in the human body creates electrical dipole has magnetic change - it was a local function	1
	- it want as I	-
	not to that have brain, needs energy, or	-
	- it wang a part of brain, needs energy. oxygen will books different from de oxygenated blood	-
	- measures from de oxygenated placed	
	Looks different from de oxygenated blood - measure amount of Alutamate and gava (?) in contex - important in cognitive flexibility	
1	important atriundes and dana ()	
	agnitive Hexibility	
100000		

ander	Dockgrund Feeding orrivle: Microbyrage Psychologists. Motivations, subjective, subjective and harm reduction. Weednesday Thursday Thursday Thursday Salunday - Troche demagning from the property of	How many at these tarked have a
	Sunday Monday Tuesday Tuesday Neet Luis on lunch — Closs disturbed One trepressibility - Create morning of 10 - n Figures - Weet With Luis - Et Create derivation of lunch work hunch modify on which will derive the modify of the property of the propert	

	Date
	Dec 2 2024 - MEET WITH LUIS
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	" He with the metalong winter breaks no mesungs
	. Homeway a dealound softmans ou correlation dealors
	1 1 March 1 ma
+	Dec 5, 2024 (C President's break fact, class dotumbed)
1	Deintron south Francis due Tom 31
-	" wan grisped traste"
20	o Use KP suggestions lintro
35.	nin a worten flow depth of writing
	Methods section of FP _s due Feb (9)
13	to technical and thorough
	- match landrage -> Lt talkerta apt odinbuents
. OX	describe equipment . Olding tolar
	· part/ present persent
	- 1 Damaine .
	OP-Feb, think orthe posters
	· fully understand project
	· check in my Dr. Garcia
	T MARRIAGE.
	e 5-10 min tak obt palendar, deadlines
	a all alnest
	. Some partients drapped out/didn't finish treatment
	1 1 may 2 10, 3, 6, 3, 11
	· made demographics figure, and calculated stand devication of one (where are these?)
	(where are there?)
	devication of the
	Dec 11 CLASS + MEET
	Meet notes: (meetig w fuis?)
	· Next month start correlation growing, series, to
	Screme for
	· Checked over my dianographic figure -> looks good
	e interprent timeline flow back donter Page

Date	
. Updated lighter and sent successing summany en	Mar
o finalized which figure to use -> where are the	w ?
· finalized which tigure to	0
· double checked valles	7
· updated his on my progress (by email ? - or meeting	
applated logbook what on her where are	nate ?)
· Did background reading - what paper (where ar	,
Dec 17, 2074 (LIP)	
· Read over survey questions and MRAC quest	de class
batter under stand study, studied responses in rough	
Dec 19, 2024 CLASS	where
· emerical lis to ask for correlation data	where is their
· Backgrund reading	
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Feb 3

- Every second of the class has to be used
- Contact with mentor
- Use chatGPT to find sources, it's a good research tool
- Started introduction paper Nina Tian Introduction Section Paper

Feb 5

- Make small goals: knows when behind
- Calendar needs to be more specific
- Continued to work on introduction paper Nina Tian Introduction Section Paper
- Worked on presentation slides 1-7 □ Oral presentation Feb 25

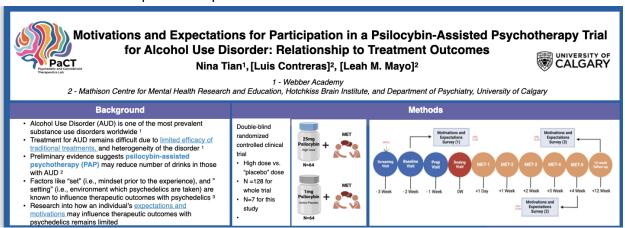
Feb 7

- Not many people have asked for the tri-fold, plan it
- Marks lock on 28th
 - Option 1: move everything one class forward
 - Option 2: everything will be more fast paced -speed dating
 - o Option 3: push back
- Have to tell teachers within a week that I will be missing class for science fair
- Any stuff missing from class, do it earlier
- Don't let judges wait for you at your poster

Individual checkup:

- Just do online logbook
- Scan notebook and transfer online
- Make all background reading in one doc
- Too little sources, depth questionable
- For science fair and final paper: increase number of sources read/cited
- For some papers, only read abstract and conclusion
- Psychedelics in general:
 - Mode of action
 - Expand
 - Answer better questions, more general questions that are not directly related to my topic
 - Types of uses in clinic could be different
 - Assisted therapy with psychedelics
 - Similar addictions, similar psychedelics
 - Other treatments compared to psychedelics
 - Methods
 - Very simple
 - Make it more significant with mode of action
 - Poster
 - o Email:
 - If they have poster template
 - How many graphs, how many tables

Work done: formatted part of the poster



Worked on oral presentation slides 8-14 Oral presentation Feb 25

Feb 13

- Everybody in a study will have a problem section, have a have a little bit of background
- Show how YOU are driving the project with the support of your mentor
- Originality!!! (how to prove it is my interest)
- Use the rubrics from the city science fair
- CYSF portal (just do it)
- Acknowledgements
 - University and department
 - Name of the person from the department blah blah, university of blah blah blah
 - Don't make a big paragraph of anything else
 - Can acknowledge a person who gave you feedback
- COMMUNICATION!!! When is it time to yell?
- Sometimes, you have to suck it up

Work done: methodology paper

methodology

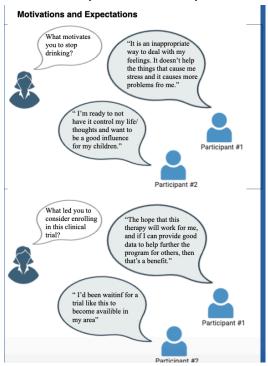
Feb 19

- Separate results and discussion.
- Include a figure title, description (brief), figure has to stand alone
- Format: detailed description, reference the figure, figure, fig num, fig title, description briefly
- Never say the figure above/below, just say the figure number
- Analysis/discussion and conclusion due May 1st
 - explain/provide alternative explanation
 - o Put your results in the context of the current understand of the field of studies
 - Get back to RQ
 - support/reject hypothesis
- Plan your things, sometimes we are not that smart

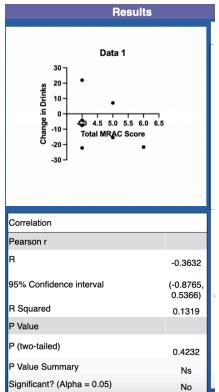
Work done:

Worked on the following sections of online poster planning:

Made a visual presentation of quotes.



Made a visual presentation of results (Pearson r correlation graph, P value calculation)



Wrote discussion of results

Discussion Weak negative correlation between the total MRAC score and the change in drinks Since the confidence interval includes zero, it suggests that it is not statistically significant R squared is only 0.1319, meaning the majority of the variation is due to other factors The sample size is quite small, which reduces the reliability of the statistical results Increase sample size will decrease sampling variation, and provite a more accurate estimate of the true correlation

Feb 25

Maddux and Merrit

Pots: autonomic disorder, increase heart rate when patients stand up

Problem: unknown cause for the problem

Lower body negative pressure: vacuum, sucks the air out, follows the principles of fluid

dynamics

Is everything else normal with the patient except for the blood pressure?

Arth

Menopause: end of female reproductive stage Estrogen: protects muscles from declining

Menopause results are caused by estrogen deficiency

Measuring the immediate effects

Results data: scatter plot

Increase in physical activity leads to increase in oxygen concentration in the blood

Antara

If the ratio of isopropyl alcohol to water in the catalyst ink solvent is increased, then the size of the aggregates in the catalyst ink will decrease, leading to improved catalyst layer When a laser is directed at the ink, the particles spread light, find the transnational diffusion coefficient

Water content affects particle size, pore structure, and conductivity.

Non linear trends

High conductivity and improved ion mobility to have a good catalyst layer What is autocorrelation?

Eleanor

El nino: has teleconnections or significant relationship between weather phenomena at widely separated locations

Proxy records sensitive to temperature/rainfall patterns that extend to the 18th century. Focus of societies are different between india and peru

Trying to reconstruct the 18th century el nino

India and Peru: most affected by el nino

March

Su n	Mon	Tue	Wed	Thu	Fri	Sat
						1
2	3 CLASS Remodel poster and send to Dr Garcia, practice presenting for science fair	4	5 CLASS Get started on results paper, finalize online poster look, align things perfectly, make sure poster looks nice	6	7 CLASS Have the poster printed and bring it to class to show Dr. Garcia, practice presenting with poster	8
9	10	11 School science fair!	12	13 CLASS Fill in introduction and methods section of CYSF portal	14	15
16	17 CLASS Finish results paper, fill in citations and acknowledgement part of CYSF portal	18	19 CLASS Reconstruct parts of the results paper after adding data	20	21 CLASS CYSF portal due Finish the reconstructed parts of the results paper	22 Spring break
23	24	25	26	27	28	29
30	31					