

Refining your Research Question



(That's an oil refinery. Get it???)

Group 1

Get to know each other a bit!

Name	General research interests
Zoe Gupta	Couples research (co rumination)
Anshita Singh	Where memory is encoded
Chinmayi Balusu	Memory and attention, cog neuro
Gargi Goyal	Child development
Muskan Singh	Cognitive psych
Kylin Wang	Cognitive psych, social cognition

Pick one member of your group to share a research question and provide some information about it. Don't worry about the RQ being "good" right now! In fact, it's better for the activity if it's still somewhat vague :)

Research question	What is the source? (i.e. common sense, theory, etc) Explain.	What do you find interesting about this question?
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<p>Placement of emojis in texts (end of texts vs beginning of texts)</p> <p>Does the ordinal placement of emojis within texts (texts with emojis at beginning and end of sentence) affect interpretation of the emotions expressed in said text messages (ask for participants to report which emotion they think sender is expressing (give them a list of emotion words to choose from), and intensity of emotion (likert scale)?</p>	<p>Preliminary analysis on pilot data (N=6) with older adults indicates that people might process emotion related details towards the end, & research shows emojis are interpreted as facial expressions</p>	<p>Cultural & generational understandings of the same emojis</p> <p>Interpreting emojis, perceiving messages/meaning?</p> <p>Order of processing messages (written vs visual with emojis?)</p>
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Now, the whole group should discuss the research question and make sure it has the essential components of a good question. Is it specific? Does it have operationalized independent and dependent variables? Is the direction of the relationship clear? Etc. Collectively, you can all fill out the chart below. Take notes in the chart as you discuss so you can record your insights.

Is the question specific and possible to test?	What is the independent variable? Is it sufficiently operationalized?	What is the dependent variable? Is it sufficiently operationalized?	Is it possible to answer this question within your time/resource constraints?
<p>Yes because variables are operationalized</p>	<p>Text message content and emoji placement</p> <p>ordinal placement of emojis within texts (texts with emojis at beginning and end of sentence)</p>	<p>Intensity of the perceived emotion/context</p> <p>interpretation of the emotions expressed in text messages (ask for participants to report which emotion they think sender is expressing (give them a list of emotion words to choose from), and intensity of emotion (likert scale)</p>	<p>Probably not this summer... unless!</p> <p>Pull data from social media (twitter, instagram)</p>

If you've finished and there's time left, add a row to the last two tables, and do this again with another group member's question.

Group 2

Get to know each other a bit!

Name	General research interests
Oliver Harris	Personality and Individual Differences
Margot Deregnaucourt	Relationships/closeness to partner and speech patterns
Catalina Yang	Retroactive memory enhancement
Nighat	Media influence on human behaviour
Adrys Turbi Hidalgo	Emotional Intelligence and Parenting Styles
Caroline Yesenia Arteaga	Neural networks

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Research question	What is the source? (i.e. common sense, theory, etc) Explain.	What do you find interesting about this question?
<p>Can we change memories post-encoding without stressors?</p> <p>Do speech patterns "we" vs "I" used when describing co-rumination on a partner's problem reflect interpersonal closeness in relationships?</p> <p>Does aggression explain the relationship of agreeableness to procrastination?</p> <p>Is a person's emotional intelligence tied to the parenting and attachment styles that they were exposed to from a young age?</p>	<p>Observation of previous data</p>	<p>There was a noticeable difference in interpersonal speech patterns.</p> <p>Could there be an unconscious element (i.e. Freudian slip) involved?</p>

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<p>The use of individualistic vs, collective speech patterns during the telling or a co rumination story about a partner's issue reflect the perceived closeness is pretty niche</p> <p>Is possible to test because was figured out with an existing database</p>	IV is ratio of "I" vs "We" statements.	DV is rating on dyad closeness scale	This research question was developed with an existing database so it should be.

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Group 3

Get to know each other a bit!

Name	General research interests
Annie Harris	Emotional regulation, emotional awareness in couples
John Kerwin	Neuropsychology and HRT

Jasmin	Psychology, neuroscience
Vidita Bhagat	Neuroscience, Cognitive Psychology
Christine Shao	Social Psychology and Behavior

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Research question	What is the source? (i.e. common sense, theory, etc) Explain.	What do you find interesting about this question?
Love in the time of covid: how has relationship satisfaction been affected/emotional regulation abilities/emotional awareness between long distance vs forced-long distance vs cohabitation	Common sense and theory/observation	How has the pandemic affected relationships and emotional regulation both of the self and with one's partner?

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Is the question specific and possible to test?	What is the independent variable? Is it sufficiently operationalized?	What is the dependent variable? Is it sufficiently operationalized?	Is it possible to answer this question within your time/resource constraints?
yes	covid -19 restrictions, separation vs living together vs already distanced	The dependent variable is relationship satisfaction/ability to emotionally regulate/emotional awareness	yes

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Group 4

Get to know each other a bit!

Name	General research interests
Joshua Kolberg	neuropsychopharmacology
Erica Niemiec	Developmental psych, emotion
Anish Nanjappa	Memory
Yadhirys Beato	Social psych, co-rumination in dyads, communication
Sophia Chang	Language
Phil Jauregui	Subjective Well-Being Cross-Culturally

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Research question	What is the source? (i.e. common sense, theory, etc) Explain.	What do you find interesting about this question?
Does prolonged, regular use of Adderall negatively impact cognition?	Pop culture, common sense, government, etc.	Addresses the lack of current research in this area as well as providing data for future studies.

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Regular use - daily	Adderall dosage, duration of use	Cognition - specifically memory self-report?	Not during the summer - longitudinal Could test before and after starting Adderall use

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Group 5

Get to know each other a bit!

Name	General research interests
Charlotte Cassidy	How encouraging creativity in children affects neural connections and cognition; judgement, memory; movies, literature, theatre, music
Lauren Wilkins	The interplay between emotion, social cognition, and mental health → how people label/communicate their emotions
Maggie Lamarre	Music and autobiographical memory, especially as it relates to aging/Alzheimers
Vatsal Tiwari	Cognition and its impact on perceived reality and decision making
Isha Daliparty	Child development

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Research question	What is the source? (i.e. common sense, theory, etc) Explain.	What do you find interesting about this question?
How does the age of first exposure to a song impact autobiographical memory recall after a prompt?	Theory-- since the brain is more plastic during childhood development, songs that you are exposed to at a young age might lend themselves better to autobiographical recall of events that occurred during or after the time of exposure	I find music's varying impacts on the brain and uses as a therapy for different conditions (including motor, cognition and memory) very interesting, especially how music impacts memory recall. In my own life, I know that a lot of my childhood memories come to the surface when I hear songs that I heard during that time, and wonder if this theory could be eventually applied to Alzheimer's therapy.

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Is the question specific and possible to test?	What is the independent variable? Is it sufficiently operationalized?	What is the dependent variable? Is it sufficiently operationalized?	Is it possible to answer this question within your time/resource constraints?
It is definitely possible to test! Just a manipulation of variables within existing data The question is specific in that it has a clear independent and dependent	Age when first exposed to the song Asks a question about how often they heard the song within specific age ranges	Whether or not a spontaneous MEAM was reported	Yes, it is possible within the time/resource constraints since it is working with an existing dataset

variable			
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Group 6

Get to know each other a bit!

Name	General research interests
Samyak Verma	Social Psychology, abnormal psychology, and counseling psychology
Nathalie Shaghafi	Clinical and Counseling, relationships and trauma
Shreya Mandal	Community psych, social psych, clinical (Q about spiritual practices protecting from covid)
Asees	Social and Positive psychology, variable in interactions, slight interest in clinical
Michelle M	Cognitive Neuroscience and Clinical Psychology

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Research question	What is the source? (i.e. common sense, theory, etc) Explain.	What do you find interesting about this question?
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Is terror management theory allowing us to effectively connect with a spiritual community to buffer death anxiety and depression	Observation and experience within the people living in India and U.S as well.	The fact that we turn to spirituality to give us hope and a sense of happiness during a hard time. Additionally, the fact that we can turn to a higher power can give us a sense of support. A sense of spirituality is a global phenomenon.
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It is specific and testable. We can have various questionnaires regarding covid anxiety and using spirituality scales would also suffice within various communities.	The spiritual community and the extent to which people join a spiritual community	Buffering depression and death anxiety that occurs with seeing cases and deaths of COVID-19.	Yes

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Group 7

Get to know each other a bit!

Name	General research interests
Jordan Barry	Emotion regulation Treatment-resistant depression and eating disorders Neuroscience, experience of emotion when listening to music (what my post-doc's research is generally about)
Anisha Marion	Childhood adversity Emotion Regulation Family Systems Chronic Illness and mental wellbeing Intergenerational trauma in native american communities
Camila Vicioso	Amygdala reactivity Childhood adversity Association between early caregiving adversities and amygdala response to emotional faces Age-related differences in amygdala reactivity
	Personality disorders Eating disorders Anxiety disorders Trauma in women
Saksham kesarwani	Psychological well being Relationship and it's effect on happiness Failed marriage and it's effect on children Spirituality and life satisfaction

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Group 8

Get to know each other a bit!

Name	General research interests
Emanuella Rozenfeld	Sports psychology, motivation
Sonia Simon	Perceptual and neurocognitive psychology
Aditi Bhanushali	Clinical psychology, psychopathology
Jamie Zhang	Attachment theory, co-rumination, social support processes, shared laughter, shared reality

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Research question	What is the source? (i.e. common sense, theory, etc) Explain.	What do you find interesting about this question?
How is extrinsic/intrinsic motivation and performance affected by online vs. in person learning?	Due to online learning during the pandemic, the level of academic motivation has changed.	Relevance and scope for research.

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Intrinsic motivation Extrinsic motivation	learning (in person and online)	Motivation/performance	The online experience during the

Grades Self efficacy Classroom interaction Social life			COVID19 pandemic, somewhere between february 2019-present
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