

A couple quick
announcements

STEM Career Fair Thursday

Consider going after class

- It ends at 3pm
- Located at the student rec center



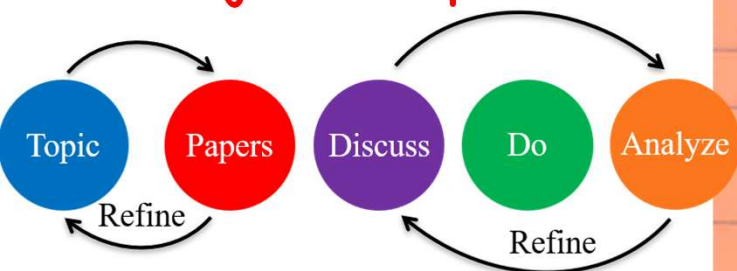
Friday, September 25 at 10:00 AM

- **Mike Snodgrass, AI Specialist at Google, and Ola Adekunle, Senior Patent Counsel at Google**
- **The Future of AI at WVU: How Google Thinks About the Changing AI Landscape**
45-minute presentation and live demos + Q&A
- A significant part of the session will consist of live demonstrations of AI applied to different tasks and applications.
- This is an opportunity to see what current AI tools can do, how they can be used, and where they may help. The speakers will also discuss AI literacy, data and intellectual property, governance, and the development of custom AI tools.
- **The talk is open to everyone, including students.**
<https://wvu.zoom.us/j/94180487824?pwd=8cklQgRFBgKraVhalQxgSgGcfQEhP0.1>

Get in these late assignments!

Important Papers (2-5)
1-2 sentence summary
and why relevant to
your work? (I don't
need them printed.)

Upcoming:
Next Tuesday:
Reading on Perusall
about other
characterization
methods
This Thursday:
Project Proposal!!!

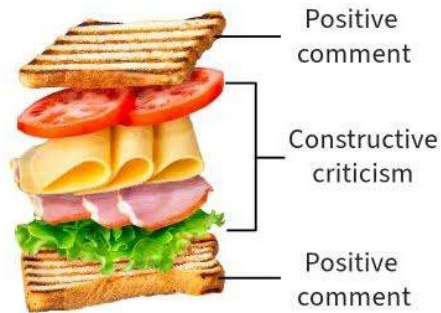


Date	293 Topic	Homework (with goals color)
18-Aug	Pre-Surveys; What is this Class About?	Partner/Scheduling Info
20-Aug	Distinguishing Types of Magnetism	Reading 1 on Perusall
25-Aug	Holcomb Group Discovery	Reading 2 on Perusall
27-Aug	MOKE versus Other Magnetometry	Watch Video on Perusall
1-Sep	Project Planning: What Kinds of Magnetic Measurements	Syllabus Read/Agree
3-Sep	Finding Published Papers Relevant to Your Project	Bring a Related Paper to Class
8-Sep	Reading and Evaluating Papers	
10-Sep	Best Practices with Lab Notebooks	University Safety Requirement
15-Sep	MOKE Hands-On Demonstration	
17-Sep	VSM Hands-On Demonstration	Important Papers. Why? (2-5)
22-Sep	How to Give Peer Feedback and Group Project Planning	
24-Sep	Planning Group Oral Reports and Peer Grading	Mini Reports (in class)
29-Sep	Group Project Planning and Refinement	Quality Reading on Perusall
1-Oct	Assessing the Quality of Materials	Project Proposal
6-Oct	Best Practices with Graphing	Good/Bad Graphs
	293B EHS Log	
	Pauley	ts, Graphing and Fitting
	Brangard	our Data
	Clendenin	When It Isn't Obvious
	Page	s Grown
	Hamrick	s (Bring Notebooks)
	Harden	
	Raymond	r Project with Others
	Black	entation/Data Planning
	Price	
	Schramm	
	Arslan	
	Clark	
		structor, Partners or Class
		larship Opportunities
		Abstract & Notebook

Giving Good Peer Feedback

“It’s terrible/great” is not helpful.

Feedback Sandwich



What works?
What is unclear?
What could make it better?

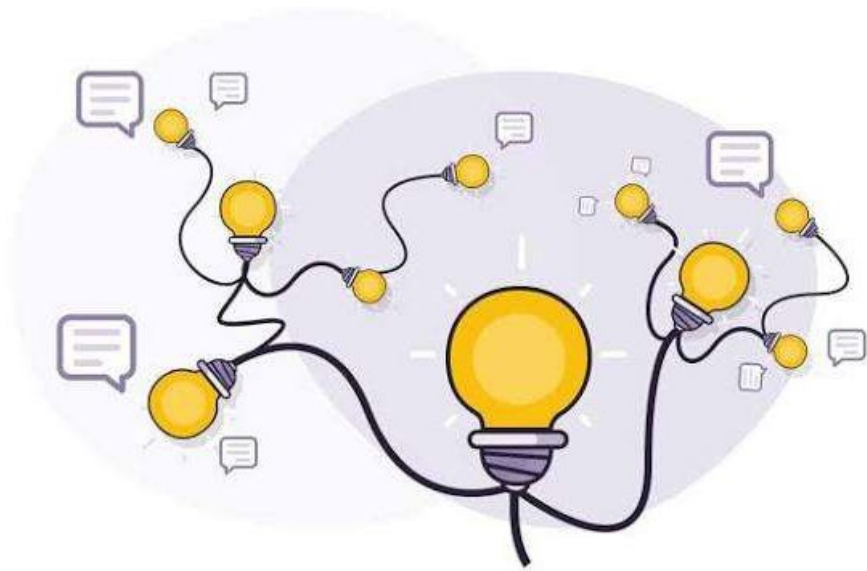
Do you have ideas they might consider?



Keep in mind

None of you knew any of this stuff 6 weeks ago.

Don't be too harsh. You are still learning, but **how can you make the most of the next 10 weeks?**



Science is teamwork!



~5 minutes per person. If you talk less, then more time for questions. (I may adjust this time as needed.)

- When you match with a classmate, you trade off talking about your work and giving feedback.
- When you match with anyone else, the focus is on the 293 student and us helping you think about how to improve your project and motivation

Front and back of room

- Front: instructor, TAs, past 293, and Evan, Ryan, & Leeam
- Back: Everyone else
- Pick someone not in your group and you haven't yet had a speed date with;

Meet new people!



MOKE projects in back raise
your hand so that one of you
can join Jeremy and Ivan

You don't have to follow this list, but can:

- What material will you measure? Why scientifically is this material interesting?
- Why do you think this work could be important?
- What kinds of magnetic measurement planned? What temperatures or applied fields do you think make sense to look at? Why do you think that?
- What do you expect to observe?



Group Debrief: What did you learn? What questions do you still have?

- What material will you measure? Why scientifically is this material interesting?
- Why do you think this work could be important?
- What kinds of magnetic measurement planned? What temperatures or applied fields do you think make sense to look at? Why do you think that?
- What do you expect to observe?

