Pre-Course Survey

Please take a few moments to complete the following survey. The results will be used to improve the teaching of STEM courses at Auburn University. All responses will be anonymous. When you are finished, please place the survey in the envelope provided. Thank you.

Part 1									
What is your current ago	eŝ								
Please specify your gen									
What is your major?									
What is your current GP	Αŝ								
What program are you	currently e	nrolled i	uš						
☐ High School									
☐ Master's Degree	□ D	octoral E)egree						
Number of semesters in	current pr	ogram?							
Select from the list of cointerest in order from mo (5).			•						
Academics									
Field Research									
Industrial Science									
Sales									
Consulting/ Techni	cal or Proc	luct Supp	port						
How long have you pre laboratory? (Volunteer,									
How long have you pre laboratory? (Volunteer,									
□ No Experience									
□ < 1 year									
□ 1-2 years									
☐ 3+ years									
I am going to enter a co	areer in a r	esearch	lab.						
□1 □2	□3	□ 4	□ 5						
Strongly Disagree			Strongly Agree						
I prefer to study and lea	arn on my o	own.							
□1 □2	□ 3	□ 4	□ 5						
Strongly Disagree			Strongly Agree						

Anonymous I	dentifier:	First three mothers fir	letters of	First two numbers of current street address					
People close to me encouraged participation in STEM events in middle/high school.									
□ 1	□2	□ 3	□ 4	□ 5					
Strongly Disagree				Strongly Agree					
I participated in grand household.	roup learr	ning with	siblings	or friends in my					
□ 1	□2	□3	□ 4	□ 5					
Strongly Disagree Part 2				Strongly Agree					
I can perform an e	experimer	nt withou	t aid, wh	nen given a					
□ 1	□ 2	□3	□ 4	□ 5					
Strongly Disagree				Strongly Agree					
I can design an ex	periment	from beg	ginning	to end.					
□ 1	□ 2	□3	□ 4	□ 5					
Strongly Disagree				Strongly Agree					
l expect to attain	an "A" in	this cours	se.						
□ 1	□ 2	□3	□ 4	□ 5					
Strongly Disagree				Strongly Agree					
I am confident in my ability to keep a well-structured lab notebook properly detailing experiments.									
□ 1	□2	□3	□ 4	□ 5					
Strongly Disagree				Strongly Agree					
Part 3									
Research that I do	in lab co	urses will	lead to	scientific					
□ 1	□ 2	□3	□ 4	□ 5					
Strongly Disagree				Strongly Agree					
In laboratory class future career.	es, I gain :	skills that	will be o	applied in my					
□ 1	□ 2	□3	□ 4	□ 5					
Strongly Disagree				Strongly Agree					
The practices taug		ecular bi	ology c	ourses are					
□ 1	□2	□ 3	□ 4	□ 5					
Strongly Disagree				Strongly Agree					

Part 4					I view myself as	a scient	ist.		
					□ 1	□ 2	□ 3	□ 4	□ 5
How often do you use social media platforms to share scientific content with your followers?			Strongly Disagree Strongly Agree						
□ Never			I am comfortab	le expla	ining scienc	e to oth	ners.		
☐ 1-2 times o					□ 1	□ 2	□ 3	□ 4	□ 5
☐ 3-4 times a week				Strongly Disagree Strongl					
☐ 5+ times a week			I feel like an exp	pert in a	field followir	ng a typ	ical biology		
Select from the	e list of soc	ial media	platform	ns below. Rank	lab course.				
Select from the list of social media platforms below. Rank the platforms you use to share science in order of most commonly used (1) to least commonly used (5).			□ 1	□ 2	□ 3	□ 4	□ 5		
			Strongly Disagre	ee			Strongly Agree		
Snapchat	t								
Twitter					Part 5				
Instagram	1								s) that you feel nal lab courses.
Faceboo	k				Please do not	_			idi idb courses.
Other not listed	d:			_					
Social media is with the non-so			share s	cientific content		Cogni	itive Ski 	lls	
 1	□ 2	□ 3	□ 4	□ 5			Speculate		Deduce
Strongly Disagr	ee			Strongly Agree	Anal	U76	Scrutinize Infer		Differentiate Contrast
		t on socia	l madia i		Allai	y ZC	Examine		Compare
that sharing it v				s more engaging			Calculate		Validate
□ 1	□ 2	□3	□ 4	□ 5			Design		evise
Strongly Disagr	ee			Strongly Agree	Cross	to.	Imagine Formulate		lan vent
My followers ar content I share		pe interest	ed in the	scientific	Crea	Le	Compose Speculate		roduce ontrast
□ 1	□ 2	□3	□ 4	□ 5		-	Judge	P	rioritize
Strongly Disagr	ee			Strongly Agree	4		Critique	R	ecommend
		• • • • • •			Evalu	ate	Verify Interperate		ustify efend
I understand w							Assess		Sicila
	□ 2	□ 3	□ 4	□ 5			Execute	R	evise
Strongly Disagr	ee			Strongly Agree	4		Use Adapt		imulate ractice
I would be inte				aring more	Appl	y	Predict		ustrate
scientific outre	ach throu	gh social i	media.				Hypothesize		each
□ 1	□ 2	□ 3	□ 4	□ 5		L	Carry-out		olve
Strongly Disagre	ee			Strongly Agree	4		Summarize Classify		ive Example rticulate
I have discusse	ed my rese	earch with	n my pee	ers.	Unders	tand	Paraphrase		rganize
□ 1	□ 2	□ 3	□ 4	□ 5			Describe		
Strongly Disagr	ree			Strongly Agree	4	Г	Define	Li	st
I have discussed my research in this class with family and		Barre	hon	Identify	Lá	abel			
close friends.	-			•	Remen	ioer	Recall Recognize	M	atch
□ 1	□ 2	□ 3	□ 4	□ 5					
Strongly Disagi	ree			Strongly Agree					