OFFICIAL ABSTRACT and CERTIFICATION

Analyzing the Foundation of Rhetorical Gender Inequality through Competitive High School Debating During Adolescence and the Connection to the Workplace					Category Pick one only — mark an "X" in box at right	
Megan Gole					Animal Sciences	
Half Hollow Hills High School East, Dix Hills, New York, United States of America This project focuses on how prevalent gender disparity is in competitive debate, and how disparity					Behavioral & Social	
aff	ects how successful females are	Sciences				
	en in professional forums. Debate ributional rationalization prevalent	Biochemistry Biomedical & Health				
de	bate. Previous studies analyzing l	Sciences				
	females as both competitors and ere women were less likely to wir	Biomedical Engineering				
ро	ints. Implications of these results, perimental debates conducted wit	Cellular & Molecular Biology				
	bates are conducted and judges a osen male and female who. Judge	Chemistry				
co	mpetence by deciding the winner 30, and choosing one debater to h	Computational Biology & Bioinformatics				
als	rformance characteristics to each to filled out 3 likert scales ranking	Earth & Environmental Sciences				
persuasiveness, and aggressiveness. A correlation between women and being attributed more negative and more gender stereotyped words was found. Similarly, women received significantly					Embedded Systems	
lesser speaker points, wins, and were less likely to be hired. Debaters also had to rate their confidence from 1-10 after concluding the debate round, and female debaters ranked themselves as less confident. Likert scale analysis found professionalism as a gender neutral characteristic. While aggressiveness and persuasiveness as both correlated and increase the likelihood of winning for male competitors and were significantly more attributed to men.					Energy: Sustainable Materials and Design	
					Engineering Mechanics	
					Environmental Engineering	
					Materials Science	
1	As a part of this research project, the student directly handled, manipulated, or interacted with (check ALL that apply):				Mathematics	
١.					Microbiology	
	■ human participants	□ potentially hazardo	us biological agen	ts	Physics & Astronomy	
	□ vertebrate animals	☐ microorganisms	□ rDNA	☐ tissue	Plant Sciences	
2	I/we worked or used equipme	•		Yes □ No	Robotics & Intelligent Machines	
۷.	or industrial setting:	siit iii a regulateu researt	ir institution =	163 🗆 140	Systems Software	
3.	This project is a continuation	of previous research.	■ Yes	□ No	Translational Medical Sciences	
	, .	•				
4.	My display board includes no depictions of humans (other		ns/visual 🗆 Yes	■ No		
5.	This abstract describes only procedures performed by me/us, ■ Yes □ No reflects my/our own independent research, and represents one year's work only					
6.	I/we hereby certify that the all above statements are correct			□No	/	
an	This stamp or embossed seal attests that this project is in compliance with all federal and state laws and regulations and that all appropriate reviews and approvals have been obtained including the final clearance by the Scientific Review Committee.					