

#### ABSTRACT

20 male and 20 female undergraduates from DLSU participated in an experiment to investigate whether there is a significant relationship in the reaction time of males and females in response to expected and unexpected interpretations of ambiguous sentences through pictures. 11 ambiguous sentences with their corresponding expected and unexpected pictures were used. 14 filler sentences were added to keep the Ss from getting sensitive to the ambiguity. Two way anova was used to determine the effects of the expected/unexpected pictures on ambiguous sentences. Results suggested no significant relationship.