



**CALIFORNIA STATE SCIENCE FAIR  
2011 PROJECT SUMMARY**

<b>Name(s)</b> <b>Jacob Joens-Poulton</b>	<b>Project Number</b>  31797
<b>Project Title</b> <b>Swinging Moods and Swinging Stock Markets</b>	
<b>Objectives/Goals</b> The objective of this project was to identify corresponding trends in stock market changes in the countries of Great Britain, Saudi Arabia, China and the United States, as a result of world events from 2008 through 2010. <b>Methods/Materials</b> Stock market reports from four countries, (United States, Great Britain, Saudi Arabia, China) were analyzed to determine the dates when the individual markets either increased or decreased by 3% over a ten day period from 2008-2010. After these dates were identified, headline news media was reviewed and major world events recorded. These events were then categorized by theme. Using technology, data was analyzed and comparative results were ascertained. <b>Results</b> China's Heng Seng market experienced the greatest number of increases and decreases over the three years studied. The markets of Saudi Arabia and Great Britain each experienced an equal number of upturns and downturns of 3% or greater. The United States experienced 18% more downturns in the stock market than upturns. The stock market of Saudi Arabia was found to be the least likely to follow the trends of the other three countries. <b>Conclusions/Discussion</b> I concluded that domestic and international political and economic events did indeed play a pivotal role in influencing stock markets. I also discovered that China's Hang Seng market proved to be the most volatile of the stock markets. Consumer confidence played only a minor role in influencing the overall performance of the stock market.	
<b>Summary Statement</b> My project looks at the correlations between the major stock markets of the United States, Great Britain, Saudi Arabia, and China and how they are influenced by world events.	
<b>Help Received</b> My father helped me with the use of Excel in constructing the charts and graphs.	