## Project Title
Is It A.D.D. or the Effects of MSG?

### Objectives/Goals
To see if the consumption of fast foods containing high concentrations of monosodium glutamate (MSG), such as Doritos Cooler Ranch chips at 500mg/1oz serving, cause the symptoms of Attention Deficit Disorder (ADD) in children, and is a possible cause of misdiagnosis of ADD.

### Methods/Materials
1. 100 subjects, grades 4-6 were given pre and post attention tests before and after (3 hrs.) consumption of 1oz packets of Doritos Cool ranch chips with 500mg of MSG.

### Results
90% of subjects exhibited signs of deterioration in "levels of attention". 9% of subjects exhibited little or no deterioration in levels of attention. 1% showed improved levels of attention.

### Conclusions/Discussion
The results indicate that consumption of MSG may lead to a misdiagnosis of ADD with subjects exhibiting the main diagnostic symptom of ADD, deterioration in levels of attention.

### Summary Statement
This project was examining whether the consumption of monosodium glutamate (MSG) causes deterioration of levels of attention in children, leading to the misdiagnosis of Attention Deficit Disorder (ADD).

### Help Received
Pediatrician Ashley Barboza, M.D. assisted with test approvals and interpretations for the levels of attention.