

CALIFORNIA STATE SCIENCE FAIR**2001 PROJECT SUMMARY**

California Science Center

Your Name (List all student names if multiple authors.)**Meeker, Nicole; Reyes, Addie****Science Fair Use Only****S1514****Project Title** (Limit: 120 characters. Those beyond 120 will be ignored. See pg. 9)**Cell Phones and Stupidity: Is There a Connection?****Division** Junior (6-8) Senior (9-12)**Preferred Category** (See page 5 for descriptions.)**15 - Physiology****Abstract** (Include Objective, Methods, Results, Conclusion. See samples on page 14.)

Use no attachments. Only text inside these boxes will be used for category assignment or given to your judges.

Cell phone usage has increased exponentially over the past few years. The former luxury item is now perceived as a common household necessity. As usage had skyrocketed, concern has grown regarding possible side effects. Cell phones have a known radiation, and we want to find out exactly what effect it has on the brain. Initial research has focused on medical effects such as brain tumors. Our research focuses on potential effects of cell phone usage on a person's basic cognitive and analytical skills. These skills were measured using simple math, memorization and reading comprehension tests.

Our initial research showed that cell phones negatively effected subjects math skills. We then continued to measure to see if the trend continued, since more testing was needed to verify our results.

Summary Statement (In one sentence, state what your project is about.)

To see if cell phones effect the basic learning abilities in students.

Help Received in Doing Project (e.g. Mother helped type report; Neighbor helped wire board; Used lab equipment at university X under the supervision of Dr. Y; Participant in NSF Young Scholars Program) See Display Regulation #8 on page 4.

Father provided the cell phones. Teacher provided classroom in which our subjects were tested.