



"Statistical Literacy is critical thinking about arguments that use statistics as evidence"





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## Author of "The Art of Reasoning"

"There are few tasks in education today as urgent as improving the quality of statistical literacy."

Featured in an ABC John Stossel video



## Statistical Literacy PKAL

A5

".. for the majority [of students] who will use their statistical knowledge primarily as citizens, homemakers, and parents,

the values of statistical literacy as expressed in your proposal *are of unquestionable importance.*"

Lynn Steen, Past President of the American Mathematical Association

## Statistical Literacy Keck invests \$500,000 PKAL

William M. Keck founded *Superior Oil*. He placed a premium on *imagination*, *innovation*, and new technology.

The W. M. Keck Foundation is "committed to using *imagination* and *innovation* in its' grant giving."

The Foundation supports projects "that set *new directions* and use *creative approaches* in education."

## Statistical Literacy: PKAL

Literacy is the knowledge needed to function generally and effectively in a society.

*Statistical literacy is not about statistics*: chance, sampling distributions, etc.

*Statistical literacy is not about mathematics*: algebra, calculus, operations research, etc.

*Statistical literacy is about arguments:* arguments that use numbers as evidence.









