

## **Teaching Strategies to Make Statistics Concepts Meaningful**

We share a variety of teaching strategies to add meaning to students' experiences with statistics. These include facilitating student-directed discovery projects to apply statistical analyses; conducting simulations to develop the reasoning behind statistical inference; and using hands-on explorations to introduce principles of sampling, randomness, and experimental design.

Targeted Standards:

CCGPS:

Understand and evaluate random processes underlying statistical experiments.  
Make inferences and justify conclusions from sample surveys, experiments, and observational studies.

[Target grade levels: 8-College]

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Additional speaker: Gregg Velatini