**\_Lesson 3: The process of a Statistical Study**

* Conducting a Statistical Study

1. Determine the design of the study.

* State the question to be studied.
* Determine the population and variables.
* Determine the sampling method.

1. Collect the data.
2. Organize the data.
3. Analyze the data to answer the question.

* An **observational study** observes data that already exist.
* An **experiment** generates data to help identify cause-and-effect relationship.