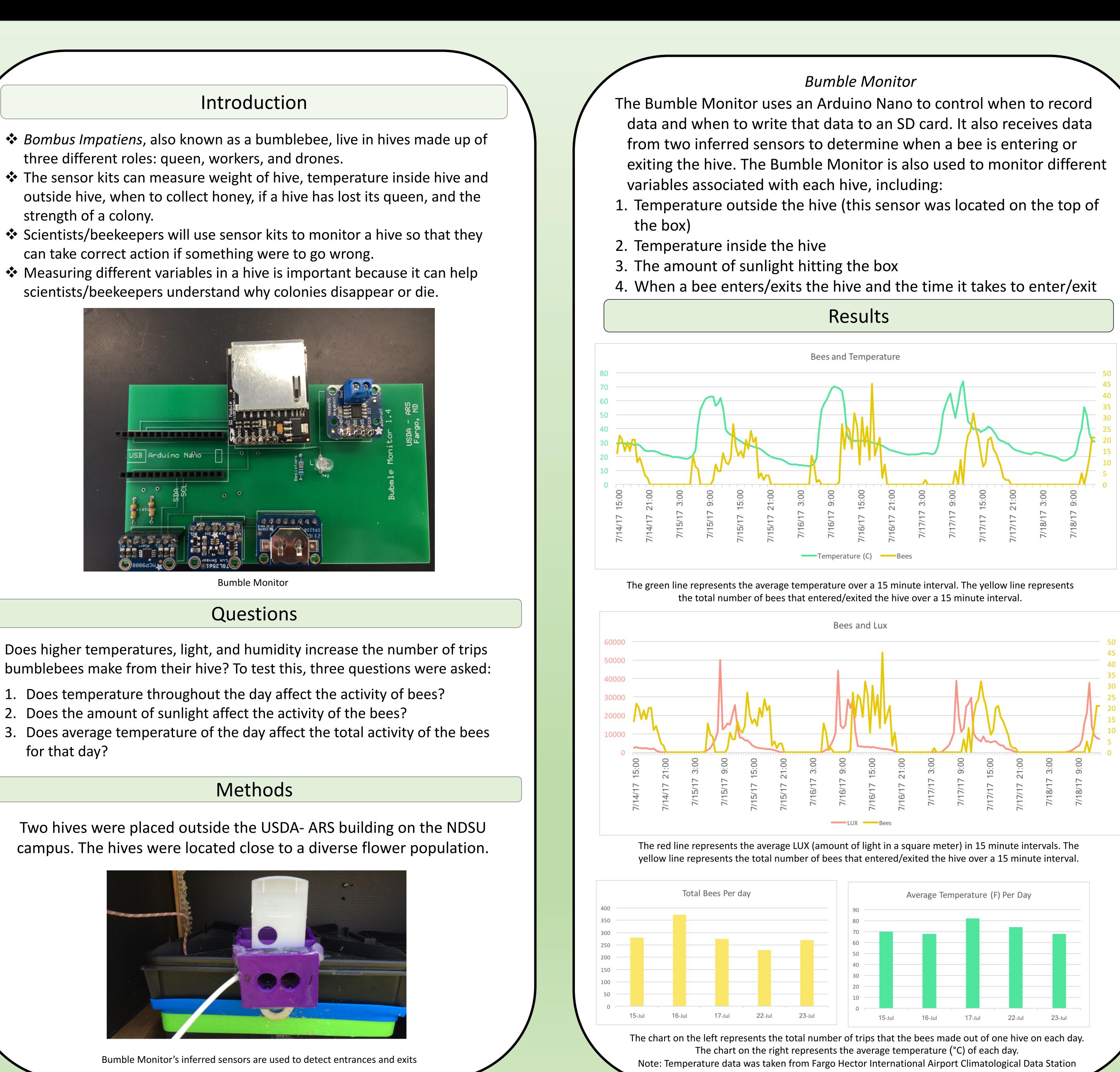
# Weather Effects on *Bombus Impatiens* monitored by the Bumble Monitor 1.4 Kelsey Bedard<sup>1</sup>, Dacotah Melicher<sup>2</sup>, Joseph Rinehart<sup>2</sup> <sup>1</sup>North Dakota State University, <sup>2</sup>USDA-ARS

- three different roles: queen, workers, and drones.
- strength of a colony.
- Scientists/beekeepers will use sensor kits to monitor a hive so that they can take correct action if something were to go wrong.
- Measuring different variables in a hive is important because it can help scientists/beekeepers understand why colonies disappear or die.



- 1. Does temperature throughout the day affect the activity of bees?
- 2. Does the amount of sunlight affect the activity of the bees?
- for that day?

