

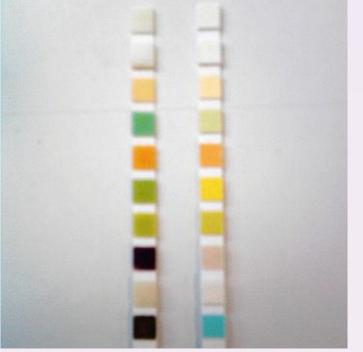
Effect of Contaminants on SSU Water Flavor Nicholas Ivanov, Caitlyn Helweg, Georgio Errico Department of Science and Technology, Sonoma State University, Rohnert Park, CA 94928, Email: Errico@sonoma.edu

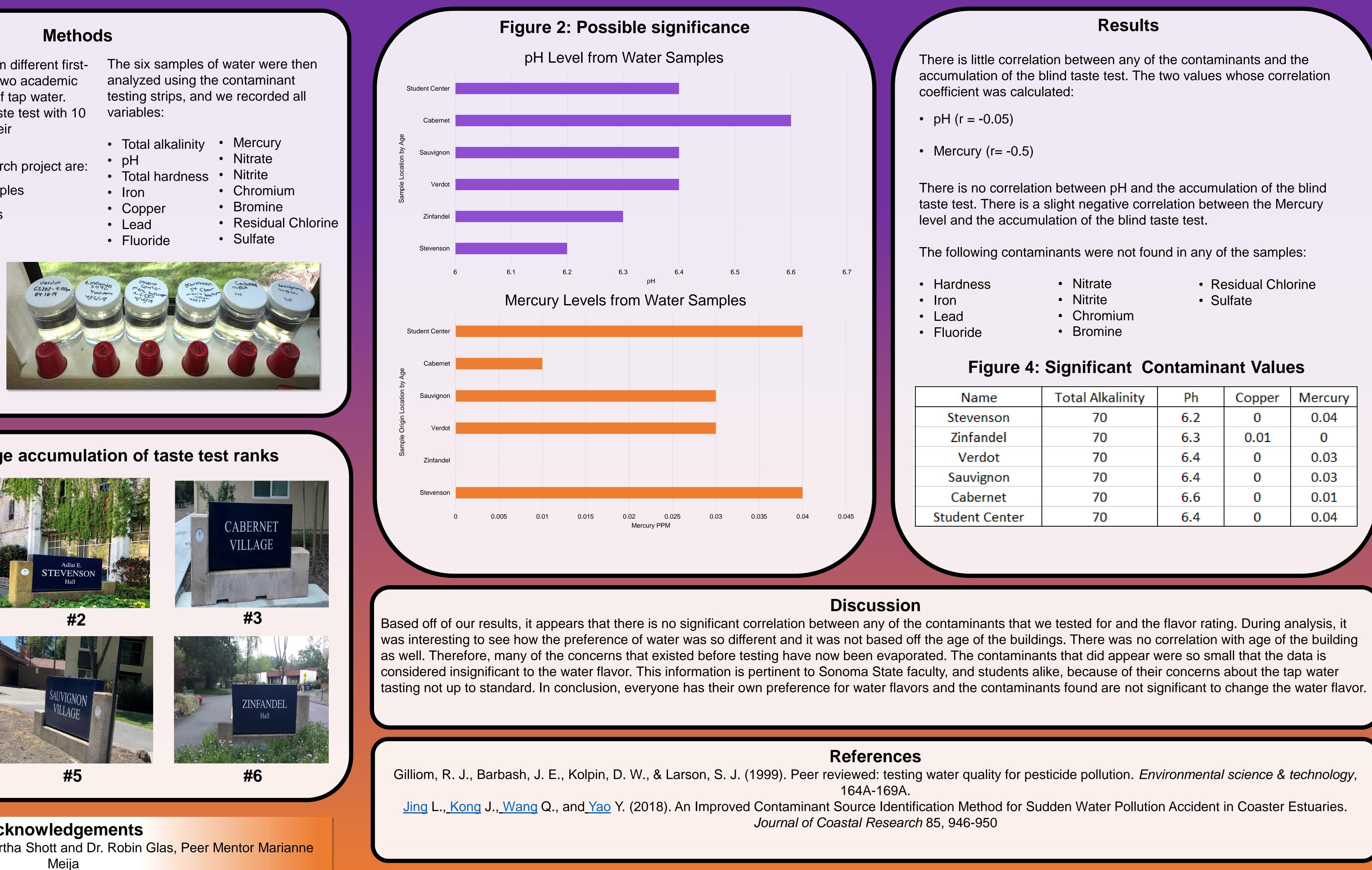
The importance of our research is to get quantitative data about the water quality at Sonoma State University and to determine whether students are able to taste differences in water that might relate to contaminants in the tap water provided in campus dorms and buildings. We want to see whether water in all of first-year housing communities and two academic buildings (Stevenson and the Student Center). We will analyze the water samples for chemicals such as lead and chlorine. We will compare these data to the results of the blind taste test.

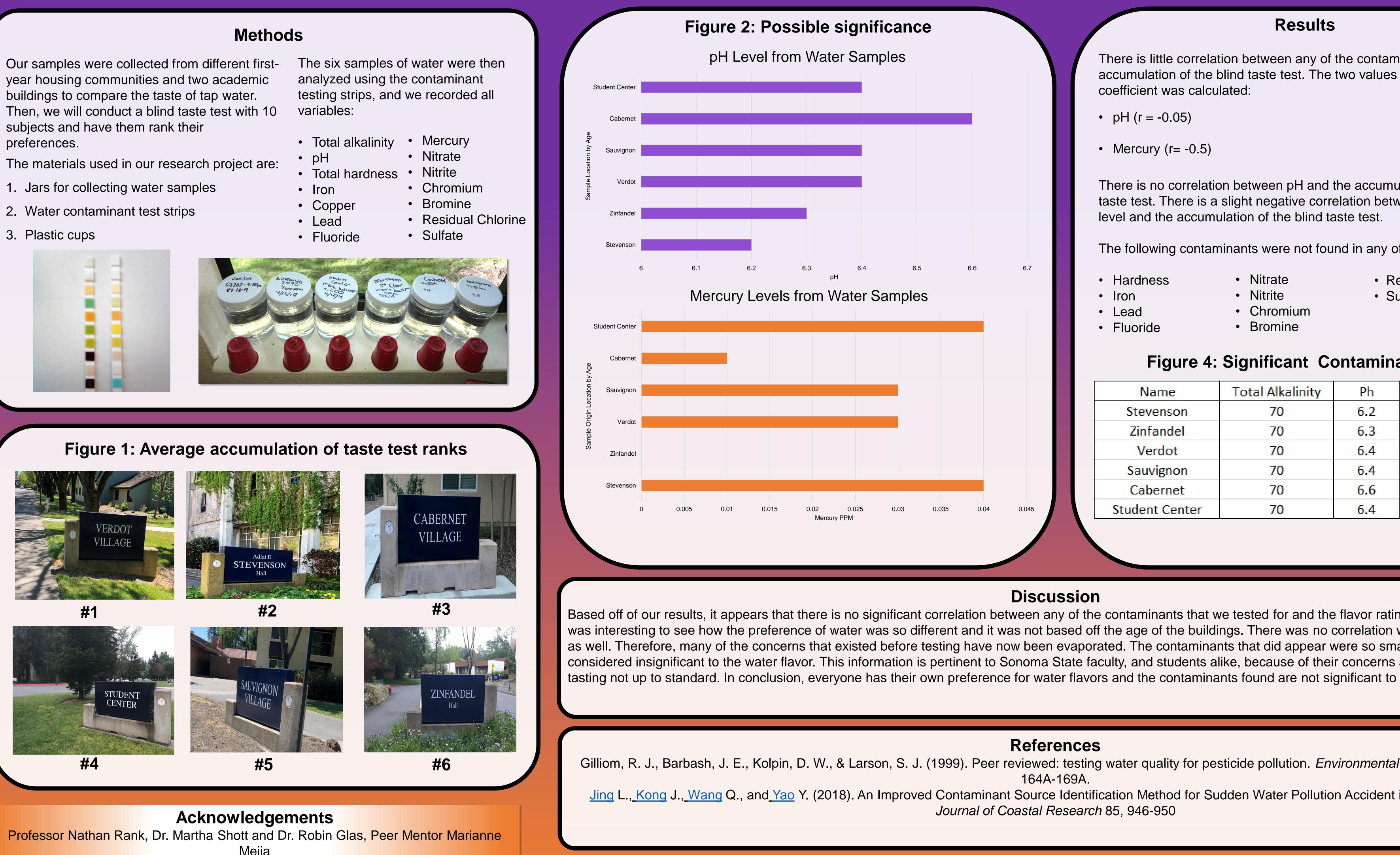
Our samples were collected from different firstyear housing communities and two academic buildings to compare the taste of tap water. Then, we will conduct a blind taste test with 10 subjects and have them rank their preferences.

The materials used in our research project are:

- 2. Water contaminant test strips
- 3. Plastic cups







Introduction



 Residual Chlorine Sulfate

Copper	Mercury
0	0.04
0.01	0
0	0.03
0	0.03
0	0.01
0	0.04