

determine my suggestion that traditional method and the POGIL should go hand in hand for better conceptual understanding.

### **Interview**

An interview format was also chosen for this research. The interview used in this study contained four questions. Interview questions include;

1. Which of the two approaches intrinsically motivated you?
2. Please explain or describe if the traditional way of teaching promoted analytical thinking, problem solving and individual responsibility.
3. Please explain or describe if the POGIL way of teaching promoted analytical thinking, problem solving and/or individual responsibility.
4. Which of the two methods was helpful with understanding the misconceptions you had? Explain.

This interview should be useful as a follow-up to the survey administered earlier to further investigate the responds. Confidentiality will be addressed as to who will get access to the answers and how their answers will be analyzed. This is a Standardized, open-ended interview. The format facilitates faster interviews that can be more easily analyzed and compared; the same open-ended questions are asked to interviewees where responds were free to choose how to answer the question. This interview should take around ten minute with each student. Questions in this interview are about what the student thinks, and I am also looking for feelings towards each pedagogy. Last I will