1) What GELO(s) were assessed for the course during the AY?

Two GELOs were assessed per the BOGS request. Both GELO 2 (Students will be able to distinguish science from pseudo-science) and GELO 3 (Students will apply a scientific approach to answer questions about the earth and environment) were assessed this AY.

(2) What were the results of the assessment of this course? What were the lessons learned from the assessment?

**GELO 2** was assessed among 1018 students in Fall and Spring 2016. For this assessment, students were asked to review various health claims, and determine whether the claims were based on science or pseudoscience. They were also asked to examine Internet sites to help them distinguish science from pseudoscience, and explain how they determined whether a particular health claim was true or false.

Among all students, approx. 45% successfully completed the assignment and received As and 32% received Bs, for a total of 77% of students receiving at least a B. Of the remaining students, 11% received Cs, 11% receivedDs, and 1% received an incomplete or W. This assessment indicates that the majority of students successfully met GELO 2.

**GELO 3** was assessed among 1018 students in Fall and Spring 2016. For this assessment, students were provided with data from the U.S Census Bureau and World Reference Bureau for two different countries along with several questions to help interpret population data for these two countries for the years 2000 and 2025. Students were required to 1) construct a population pyramid that shows the age distribution for these given populations; 2) examine population pyramid patterns and analyze environmental and/or policy issues within the countries that might have created these patterns and 3) examine data other than simple population figures that can influence the impact of a given population on resources and the environment.

Among all students, 55% were successfully completed the assignment and received As and 25% received Bs, for a total of 80% of students receiving at least a B. Of the remaining students, 10% received Cs, 8% received Ds, and 2% received an incomplete or W. This assessment indicates that the majority of students successfully met GELO 3.

(3) What modifications to the course, or its assessment activities or schedule, are planned for the upcoming year? (If no modifications are planned, the course coordinator should indicate this.)

There are no modifications to the assessment schedule planned for the upcoming year. However, the instructors will be working with the new GE coordinator, Dr. Freedman, to implement ways to further enhance student learning of these two GELOs as well as GELO1. For example, in summer
2016, the assignments used to assess these two GELOs were updated to better reflect the course content and to align with the stated GELOs. Instructors will provide feedback on these assignments after the semester ends.

**Part 2:** To be completed by the department chair (with input from course coordinator as appropriate):

4. Are all sections of the course still aligned with the area Goals, Student Learning Objectives (GELOs), Content, Support, and Assessment? If they are not, what actions are planned?

Yes, all sections are still aligned with the area goals, GELOs, Content, Support and Assessment. Although there are a large number of sections and 11 different instructors taught this course there is good communication among instructors as well as between instructors and the assessment coordinator. Communication has been facilitated through creation of a Canvas shell that can is accessible by all instructors. Course materials, including assignments and assessment materials are posted on Canvas and readily available for all teaching the course.

Report written by Marjorie Freedman