Student Project Framework

Goals:
- Have students work in interdisciplinary groups.
- Have students apply skills and ideas gained in the class to relevant green chemistry problems.
- Have students advance knowledge and projects relevant to the BCGC mission.
- Serve as the primary method for student assessment (80% of student grade: 30% from term paper, 25% from deliverable, 15% poster/presentation, 10% other benchmarks).

Group Formation:
- 3-5 students representing 2-3 different disciplines
- Group formation will take place during the 2nd week of the course.
- Groups will be created based on reported interests or at the request of students.
- Each group will have one instructor as an advisor. The instructor will help ensure the relevance of the project, provide support and be responsible for assessing the project deliverables.
- Student groups will meet for at least an hour outside of class every week.

Topics:
- Potential ideas will be pitched by instructors in class #3
- Wide ranging as green chemistry itself, should be able to align with one of the instructors.
- Student groups will discuss topics during the first few weeks of class and submit an abstract.

Key Assignments/Dates:
- Abstract: 500 words describing topic, scope and expected deliverable. (due to advisor: Feb 9th) 1 per group.
- Key Questions: Students should identify the key questions/problems that they need to address in order to understand the challenges. Students should also create an annotated bibliography for each of the key questions. (Due Feb 28th)
- Term Paper: 5-10 page paper addressing one of the “Key Questions.” Each student in the group will produce their own paper, each on a different key-question if possible. (Due Friday before spring break March 18th)
- Group Deliverable: Depending on the project the groups will produce one of the following: Research grant proposal, Business Plan, or a Policy Recommendation. (1 per group April 27th)
- Poster and 5 min Summary: This will be an opportunity for the students to present there ideas to the class and wider community in a poster session to take place at the end of the semester. (1 presentation per group during reading week)