

Citizen Science 2013

Objectives:

1. critically read and comprehend scientific literature
2. test, observe, and communicate scientific results
3. understand the benefits and limitations of scientific inquiry: experimentation, modeling, correlation

Instructor:

Mariko Moher (mariko.moher@gmail.com)

Teaching and learning are active, reciprocal processes. You can come talk to me or email me about your readings, projects, or other things. My job is to encourage your growth as scientific thinkers through laboratory and computer activities and classroom discussion.

Grading:

Citizen Science is graded on a Satisfactory / Unsatisfactory scheme. In order to receive a Satisfactory grade in this course, you must:

1. attend every class meeting and arrive on time (if you are ill, please email me immediately and obtain a note from Student Health Services)
2. participate and engage in all in-class and take-home activities
3. turn in all assignments on time.

Students are required to abide by Bard's academic dishonesty and plagiarism policies:

<http://inside.bard.edu/doso/handbook/index.php?aid=1201&sid=705>

Final Project:

As part of the course, you will be asked to complete a group project pertaining to effective communication of scientific information. You may work in groups of 2 or 3 on a project that serves to communicate scientific information about infectious disease to the public. You will be asked to give a 15 to 20 minute presentation on your project on the final day of class (January 23rd), both about the scientific information being communicated and your chosen method / format. The projects will be judged on both the accuracy of information and on ease of comprehension.

Schedule:

Dates	Morning (9am - 11:30am)	Afternoon (1pm - 3pm)
Monday 1/7	Lab RKC114	Discussion RKC102
Tuesday 1/8	Lab RKC114	Discussion RKC102
Wednesday 1/9	Lab RKC114	Discussion RKC102
Thursday 1/10	Lab RKC114	Discussion RKC102
Friday 1/11	Computers Hend106	CE training
Monday 1/14	CE + class	CE + class
Tuesday 1/15	Computers Hend106	Computers Hend106
Wednesday 1/16	Computers Hend106	Computers Hend106
Thursday 1/17	PBL Heg204	PBL Heg204
Friday 1/18	PBL Heg204	PBL Heg204
Tuesday 1/22	PBL Heg204	Faculty Lectures 1-3:30pm
Wednesday 1/23	PBL Heg204	PBL Heg204