Bio 101: Student Library Research and Presentation

This is a 2-part project worth 25 points. Part one is finding an appropriate paper to present using the library resources at hand. Part two is presenting the contents of that paper to the instructor and the class. Presentations must be made before the end of class and must be made to the class and the instructor.

1) **Library research.** If you have not yet been introduced to Harbor’s library online research facility, this will give you an opportunity to do so. You must go to our library either in person or online and find an article in a magazine on one of the following topics. You may work in pairs OR alone. **You may use popular science nonprofessional magazines such as Scientific American, or you may use professional journals.** Newspapers, books, videos, encyclopedias are not allowed. There is a tutorial online for searching data bases, or you may get help from the librarian. **You must keep a record of your method of searching the online data bases, including what online data bases you used and what search terms to get to your goals.** This record will be part of your grade. (Learning to use online data bases is part of your grade). **ONLY ONE STUDENT OR TEAM OF STUDENTS PER PAPER, AND ALL PAPERS SELECTED MUST BE APPROVED BY THE INSTRUCTOR.** I will be looking for articles of about 4 to 6 pages (see me if they are more or less then that). Successful completion of this part of the exercise is worth 10 points. Below is a list of potential topics. Only one paper per student team.

2) **Presentation.** Students, working in pairs or alone, must give a five minute presentation of the contents of the article. Visual aids such as the board, power point, or posters are permitted. Q and A will follow. You will be graded on the clarity of your presentation and well as the typed outline of your presentation (provide me with a copy). This part is worth 15 points.

List of potential topics: **Once you have found a paper to present you must get approval from me to use it.** First come first serve. Only one paper per student team.
- Evolution of the dog family and/or the dog
- Evolution of cats and/or the cat family
- Evolution of primates, including humans.
- Evolution of the mammals.
- Evolution of the birds.
- Human anatomy and physiology, and its evolution.
- Species extinction
- Species conservation
- Restoration of species
- Evolution of sexual behavior
- Marine species diversity
- Speciation.
- Taxonomy
- Genetic mutations and human diseases
- Global warming and biodiversity effects