March 9, 2005

BLY 533 Topics in Parasitology

Written Assignment #3

Due Date: Wednesday, April 20, 2005

Value: 15 points

Choose a taxonomic group of parasites and write at least a 5 (five) page paper discussing research published in PEER-REVIEWED journals on either of the two following topics. The paper should include a brief introduction describing the question being examined, the natural history of the host-parasite association, and a list of at least four references that you have read. A textbook or a general review paper can be cited for descriptions of parasite-host associations and host immune systems. Most of the paper should be a critical review of recent literature.

Topic A How does the group of parasites under discussion influence the behavior of their hosts? How does the behavior work for the selective advantage of the parasite?

Topic B How does the group of parasites avoid the immune system of their hosts? The hosts can be either vertebrate or non-vertebrate hosts, but you should include a short description of the how the immune system of the hosts operates.

**Academic Misconduct:** All reports and your independent research paper are to be completed independently – the raw data is the only material to be shared. Plagiarism can take many forms, be aware that the following items are considered plagiarism (Wilhoit 1994):

- Buying a paper from a service or obtaining one over the web
- Turning in another individual’s work as your own
- Copying material from a source text without proper acknowledgement or quotations
- Paraphrasing material from a source text without proper acknowledgement

This list and additional information can be found in the following reference:


Please review the student Academic Conduct Policy found in the USA student handbook, *The Lowdown*. Evidence of plagiarism in this class can result in a grade of F for a particular assignment or for the course as a whole.