

BIOL 4473 Parasitology and Laboratory
University of the Incarnate Word
Research Project

Purpose:

To enhance student proficiency in conducting library research of peer-reviewed primary research articles and to increase proficiency in formatting papers for submission to scientific journals. And, hopefully to learn some stuff about parasites.

Overview:

Students will select their parasite of choice and confirm this choice with the instructor by the date listed below. Students will use the library or internet resources to procure 3 primary research articles covering their chosen parasite. Write a short summary of each article. Write a literature cited page that includes your 3 journal articles in the style and format of the *Journal of Parasitology* published by the American Society of Parasitologists.

Instructions:

1. Choose a parasite by the end of class, Monday, 18 Sep 2017, tell Mr. Raymond the name of your parasite and annotate your choice of parasite on the sign-up sheet.
2. Use library or internet resources to obtain 3 primary research articles about your parasite. Note: articles must reference a volume number and page numbers. You may not use any articles published in any of the PLOS online journals: PLOS One, PLOS Biology, PLOS Medicine etc.
3. Save a copy of each article in pdf format (I don't want links to the document, the html format or any other format for that matter).
4. Use Times New Roman, 12 point font throughout.
 - a. Write a title page that includes the following information centered horizontally and vertically:
Your Name
BIOL 4473: Parasitology and Laboratory
University of the Incarnate Word
Date
 - b. Write a short summary of each article. Margins: left 1.5", right 1.0", top and bottom 1.0". The summary should include: 1. the title of the article and the names(s) of the author(s), 2. the organism or organisms being studied, 3. where the research was accomplished, 4. the primary experimental protocol used and 5. primary conclusions. (Examples of experimental protocols might be: PCR, ELISA, Cell Culture, Microscopic Examination etc. Basically, just briefly tell me what they did.) This can probably be accomplished in a few sentences. This summary should be written in your own words. I know that students in this class would not try to just copy the abstract word for word!
 - c. Write a literature cited page that includes proper citations for your 3 articles. (Use the style and format of the *Journal of Parasitology*.)
 - d. Convert the title page, summaries and literature cited page into a single (1) pdf document.
5. Send the pdf versions of your articles (3) and the pdf file containing the title page, summaries and literature cited page to me as email attachments. (So, your submission email should contain 4 pdf attachments). I will respond to your email when I receive it.

Due Date: I must receive your submission email by Monday, 06 Nov 2017, 12:00 P.M. (email stamp when received)

<u>Grading Rubric:</u>	<u>Possible Points</u>
Chose a parasite, confirm with Mr. Raymond, and annotate the sign-up sheet by deadline	0-5
Title page with required information, proper format	0-5
Articles are primary research articles	0-15
Articles are submitted as pdf files	0-15
Article summaries address required points and in proper format	0-30
<u>Literature cited page in proper style and format</u>	<u>0-30</u>

Total Possible Points 100