BIO 353 SPG 2020
PAPER #2, Final Draft due Friday, May 8, 2020, 5 PM [DO NOT BE LATE ON THIS – SEVERE PENALTIES FOR LATENESS]
For paper number 2, I am asking you to do the following, in two required phases and a third optional intermediate phase:

Phase 1: Selection of Topic: submission of draft title and 100 word summary of what you will cover. Due by email to me by: Wednesday, April 8 5 P.M.
Phase 2: Optional First draft, submitted to me by: Friday, April 24, 5 P.M. SUBMIT BY EMAIL ATTACHMENT OF MSWORD FILE. Returned in 7 days.

Select a specific topic of your choice.
The topic must be firmly within the syllabus of this course, and written with processes in marine ecology in mind.
Your topic might take two forms: (1) The topic can have a title that is a proposition, and you must defend it: Examples (taken from another field): Population growth of frogs is usually limited by predation levels on tadpoles. Or: Tree biodiversity in Costa Rica cloud forests is regulated by bark chewing insects. Or: Beech forest tree growth is controlled by nutrient limitation combined with rabbit predation. (2) The topic can be a specific subject area that can be adequately explained in a short essay.
I REQUIRE PREAPPROVAL OF YOUR TOPIC WITH A CA 50-100 WORD ABSTRACT. I will be happy to give you my opinion within 48 hours. Email it to me(Jeffrey.levinton@stonybrook.edu) BY APRIL 8, 5 P.M. (put in your email topic – your last name, paper topic.

Write an essay, 8 pages maximum, double-spaced with at least a 1 inch margin on right (NOT COUNTING REFERENCES AND FIGURES) on this general proposition or subject in marine ecology, explain why it is important, what progress has been made on the solution of this problem, and what needs to be done to continue to make progress on this problem.
You must include the following in your essay:
(1) Citation of 8 standard published papers or scholarly specialized books in the field, NOT Wikipedia, popular URLs, etc. Scholarly books do not include the encyclopedia, textbooks, the text for this course, newspaper articles, etc.).
(2) Statement of the problem you are discussing or the proposition you are defending and why it is important.
(3) Emphasis on open and unsolved questions relating to this general problem.
(4) You have a lot of latitude in choosing a problem. It can range from a study of a specific process (e.g., role of predation) in a specific environment, all the way to controls of diversity throughout the ocean.
(5) Original thinking is encouraged.
Section headings are welcome in your essay. Remember, organization in such a paper is very important.
(6) References should be on separate page: year, author(s), title, journal, volume, pp numbers or DOI type reference.

PAPER 2 IS DUE FRIDAY, MAY 8, 5 P.M.