

**BIOLOGY 2401
RE-ENERGIZE ASSIGNMENT**

ANATOMY AND PHYSIOLOGY I

Purpose: To inform and engage students in the role of environmental factors on human health.

As some of you may be aware, climate change is a growing concern for governments and communities around the world, impacting human living. As such, some of these changes are negatively impacting human health and biology. Scientists are currently researching these issues and solutions.

Instruction: You are to write a 3-5 page scholarly researched paper concerning the role of climate change and environmental conditions that have or will effect human health.

Some ideas include:

- Water pollution and human health
- Air pollution and human health
- Soil contamination and human health
- Ozone degradation and impacts to human health
- Rising climate temperature and the human body
- Effects of energy harvesting on human health

Some places to find ideas on the topic:

- <http://www3.epa.gov/climatechange/impacts/health.html>
- <https://www.healthypeople.gov/2020/topics-objectives/topic/environmental-health>

Assignment details: The paper will need to be between 3-5 pages of written text and a citation paper with at least 3 peer-reviewed articles on your subject. You can include figures and/or tables but they do not count toward the length of the paper. A rubric is attached which will give you how I will grade the assignment.

Our department is currently partnering with Texas State University on research concerning green energy. Along with completing the paper, you are to participate in this research by completing some brief surveys on renewable energy and STEM career fields.

You will need to choose a topic and have it approved by me before starting the assignment. No topic will be chosen twice, so first come first serve!!!

*****Final Paper assignment will be due on Monday, November 30, 2015 and will be submitted by portal only!!! No exceptions will be made for late submission*****