The instructions will be attached below. Can you take a look back at the outline and revisit what's highlighted in red?

Researched information must include at least four recent (within the last 10-15 years) peer reviewed scientific

articles that must be referenced. A brief paper will be submitted alongside the presentation. Together, the assignment

is worth 100 points.

Presentation Guidelines:

Each student will research and present (at least 8 minutes but no more than 10) a specific topic relevant to human physiology. Students can research any topic current in human physiology that is of particular interest to them. The

assignment is designed to provide each student the opportunity to ask questions relevant in physiology and to

independently research the topic by reading through peer reviewed scientific articles with a new understanding and

insight to physiology. In addition, the presentations will provide an opportunity for the students to practice

disseminating information by communicating what they have learned to the class in a clear, professional manner.

Effective presentation of your ideas and knowledge is a valuable skill and this activity is designed to allow you an

opportunity to develop this skill.

Presentations should provide the class with enough background to allow for clear and thorough understanding of the

physiological mechanisms and the physiological relevance of the summary information. The presentation must

explain at least one physiological mechanism (this is the most important component of the presentation). Students

may use a variety of ancillary presentation materials (PowerPoint, Prezi, etc.). You will submit to an Assignment

folder in D2L:

1. An 8-10 min recorded video presentation (your face must be visible in the recording).

2. A typed summary (paragraph form—no bullet points) of the information being presented (2-3 pages, 12 pt font,

double-spaced, 1 in. margins, in-text documentation).

3. A Works Cited/References page listing all sources utilized using appropriate scientific reporting format (at least 4

peer-reviewed). MLA or APA format is acceptable, just be consistent.

A presentation rubric will be used to grade your presentation and project as a whole, and will be available for your

viewing on D2L.

The most difficult part of this assignment will be choosing a topic. There are a tremendous number of research

choices considering how much is known in physiology, but not all will be appropriate or best suited for this

assignment. You will need to find a topic where the mechanisms are fairly well established or hypothesized. It will be

difficult to find information as well as present a topic where little is known. Further, be as specific as possible in your

topic, while still leaving yourself enough room to construct an 8-10-minute presentation.

Getting Started:

Start by thinking of a question you would like to answer. It can be on anything related to physiology (the how and why

of specific body functions—or malfunctions). There are many topics to research so finding a topic should not be the

limiting factor. It’s scaling down the topic that is challenging! For instance, you may be interested in muscle

physiology. This topic is too broad, so you need to be more specific. A better topic might be the mechanism behind

lactic acid and its effects on muscle training, or the actions of creatine supplements on improving muscle endurance.

The more specific you are, the easier the question will be to research. Start by googling the topic to obtain a

generalized overview and to start to understand your topic better. Once you feel you have a pretty good handle on

the topic, then dive into the scientific literature. It can be very technical and difficult to understand, so having prior

grounding is very helpful. Each student will be required to have at least four peer-reviewed scientific articles that

relate to their portion of the presentation and are no more than 15-20 years old. Below is a short list of some peerreviewed scientific journals where information may be found:

American Journal of Physiology

Journal of Physiology

Annual Review of Pharmacology

Science

Annual Review of Physiology

Nature

Journal of the American Medical Association (JAMA)

Physiology Reviews

New England Journal of Medicine

Use of the KSU Library (http://library.kennesaw.edu/) Search function should make looking for peer-reviewed articles

fairly straightforward. Google Scholar and PubMed are also useful search engines.

4/25/2021 Order 342565972

https://admin.writerbay.com/orders\_available?subcom=detailed&id=342565972 2/2

Resources NOT acceptable for use as a primary reference (because they are not peer-reviewed) are:

Newspapers (print and websites)

Time/Newsweek or similar

Omni/Discover or similar

Wikipedia or similar

MedLine Plus/WebMD blog posts or similar

Warning: The internet is a readily available resource, but beware that not everything you find there is valid. A recent

student indicated that 42% of the medical information on the internet was unreliable and 6% contained false

information. If you cannot determine the author of a source, or it is not referenced, do not use it! Reputable scientific

sources (.org, .edu, .gov) are out there, but you must go to the peer-reviewed source to get the information you want

as the articles on these websites are not peer-reviewed. Government policies are okay to cite, but should NOT be

used as one of your 4 required citations