Unofficial Version
Subject to Change

Instructions for Health Hazard Project and Oral Presentation

Written health hazard project.

You will analyze an occupational or agricultural health hazard and develop a useful written product. Examples of useful written products include the following:

1. Report describing a hazard and recommendations for reducing the risk. For instance:
    a. Analysis of a health hazard that affects you, and actions you will take to reduce your risk.
    b. Report to management of a (fictional) company or government agency, describing a health hazard and recommendations for action.
2. Proposal for an original research project.
3. Printed materials for worker health and safety training.
4. Text for a health promotion web site.

For more detailed examples of project ideas, see Video 1a.

All projects must be approved in advance by the instructor.

The main body of the written project should be about 2,500 words. The written project must also include an abstract of 150-200 words. Do not count the abstract and references toward the 2,500 words of the main text.

The project must include a review of literature based on scholarly, peer-reviewed journal articles. Cite references in the text (either by number or by author and date). List the cited references at the end of the paper in a standard style (e.g., APA, AMA, Chicago).

Do not make unsupported statements; in other words, include sources for all scientific claims, substantive conclusions, and health recommendations. Document your sources by citing them in the text and listing them in a reference section at the end of your paper. The sources must be reputable and authoritative, as follows:

1. You must include information from at least 5 articles from scholarly, peer-reviewed journals such as *Occupational Medicine, Morbidity and Mortality Weekly Report, British Journal of Industrial Medicine, Clinical Infectious Diseases, New England Journal of Medicine,* etc. If you are not sure whether a particular publication is a scholarly, peer-reviewed journal, please ask the instructor in advance.
    a. You can find articles from scholarly journals by using the PubMed database on the K-State Library website: http://www.lib.k-state.edu/db/alpha/p.html
    b. Use the Advanced Search function to type in your search terms:
        i. For instance, on 7-1-2010 the search ("radon"[Text Word]) AND ("health effects"[Text Word]) brought up 73 articles discussing the impact of radon on health. All of the articles were from scholarly journals.
        ii. On 7-1-2010, the search ("radon"[Text Word]) AND ("mitigation"[Text Word]) brought up 83 articles discussing methods for reducing exposure to radon. Most, but not all, of the articles were from scholarly journals.

    c. If you have trouble locating scholarly articles, please contact the instructor for help.
2. You may include information from scholarly books and textbooks.
3. You may include information from publications of government agencies such as:
    a. Occupational Safety and Health Administration: http://www.osha.gov/
    b. Environmental Protection Agency: http://www.epa.gov/
    c. Centers for Disease Control: http://www.cdc.gov/ , including:
        i. National Institute for Occupational Safety and Health: http://www.cdc.gov/niosh/
        ii. ASTDR ToxFAQs and Toxicological Profiles: http://www.atsdr.cdc.gov/
    d. National Institute of Environmental Health Sciences: http://www.niehs.nih.gov/ , including:
        i. National Toxicology program: http://ntp.niehs.nih.gov/
    e. Other branches of the National Institutes of Health: http://www.nih.gov/icd/index.html
    f. Housing and Urban Development's Healthy Homes Publications: http://www.hud.gov/offices/lead/
    g. Consumer Product Safety Commission: http://www.cpsc.gov/
    h. Federal Emergency Management Agency: http://www.fema.gov/
    i. Department of Transportation Hazardous Materials publications: http://www.phmsa.dot.gov/hazmat
    j. World Health Organization: http://www.who.int/topics/en/
    k. American Association of Poison Control Centers: http://www.aapcc.org/DNN/
    l. International Agency for Research on Cancer: http://www.iarc.fr/en/publications/index.php
4. You may include a limited number of sources such as the following, but they should not be the basis for any scientific claims:
    a. Non-research publications from professional or trade associations (e.g., the publication *Professional Safety*).
    b. Nonprofit, nongovernmental organizations such as the National Safety Council.
    c. Manufacturer's websites and product literature.
    d. News publications.
    e. Websites illustrating the prevalence of misinformation.

List your references in a standard style, such as one of the following:
1. American Psychological Association (APA): http://www.apastyle.org/
2. American Medical Association (AMA): http://www.amamanualofstyle.com//oso/public/index.html
3. Chicago Manual: http://www.chicagomanualofstyle.org/home.html

Oral presentation.
You will give an oral presentation of your health hazard project. The presentation should be about 15 minutes in length. Since this is a distance-based course, you may elect either of the following options: (1) submit a video presentation to be posted temporarily on the course website, or (2) make a live presentation on campus at an optional seminar for class participants.