Team Lab Notebook (TLN)

Student Investigations (Week 5)

Team Name:
By: (Enter the full names, and team roles of the team members who are present at today’s lab)

Date:

Activity 1. Peer Review of Draft Articles
We reviewed the following three articles (provide the titles, and the person designated as the scribe for each article).

Activity 2. After the Peer Review Process
We will revise our research articles to address the comments of the reviewers in the following ways. If your team does not feel that a reviewer suggestion is valid, provide a justification or support for your team’s contention. (You need not address comments related to grammatical or spelling errors.) Use the back of this page if necessary.
When you have finished revising your draft articles attach the Draft Article Review form and Scribe Summary of your article (these were completed by the team that reviewed your article) to the copy of the original draft article that you are turning into your instructor. Be sure that your name and team name is on your draft article. You may keep the copy of the draft article that was reviewed by another team.

Activity 3. End of Class Discussion Questions
Record your team’s thoughts concerning the following discussion questions. Be prepared to share your ideas with the whole class.

1) What are the purposes of peer-review of scientific articles within the scientific community?

2) What are the strengths of the peer review process? That is, how does it help to insure that the work is credible, valid, trustworthy, and reliable?

3) Together as a team, describe one or two other possible limitations to the ability of the peer review process to accurately establish the credibility, validity, accuracy, and reliability of scientific studies. How would you propose the scientific community handle these?
4) Do you feel that your article, once it is revised, is of sufficient quality to be published in the College of Charleston’s Journal of Undergraduate Research? Explain.

Complete the cleanup checklist on the next page BEFORE you leave lab
- Our work area is clean.
- Our lab table and stools are wiped down.
- Trash is discarded.
- Class common work area is clean and materials/instruments are returned to their proper place.
- Any computer files you saved are in your section’s folder on the desktop.
- All applications (LoggerPro, Excel, Word etc...) on the computer are closed.
- The computer should remain on.
- The settings on the computer are as they were when you entered the lab (background, toolbar setup etc..)

___________Your lab instructor must initial here, indicating that your work area is clean before you may leave the lab.

Failure to clean up, or leave lab without your instructor’s initials, will result in a 10 points deducted from this week’s TLN grade.

Please do not forget to complete the Peer Evaluation form, and turn it in to your lab instructor before you leave.