

**CSC 450, Senior Seminar, Spring 2020**  
**Research Presentation Rubric**

Your *research* presentation must describe an investigation that is centered around a specific hypothesis that you tested or an objective that you met by designing a method or model, collecting and analyzing data, and drawing conclusions using an appropriate and reproducible methodology. Your presentation must meet the standards of a scientific presentation and will be evaluated using the rubric below.

**You must submit this assignment through Blackboard by the deadline on the due date to receive credit.**

**Presentation options:**

1. Give a live presentation through WebEx. Your presentation will be scheduled during class time beginning the week of 4/27/20 or during our final exam period, which is 2 – 4:00 PM on 5/11/20. You will have an opportunity to sign up for your preferred presentation time.
2. Record either a YouTube video or PowerPoint with audio and submit a YouTube link or PowerPoint file through Blackboard by 5:00 PM on 5/4/20.

Note: Information will be posted to Piazza explaining how to select option #1 or #2 and if the former, how to sign up for a presentation time.

## **Final Presentation Rubric**

### **Comments:**

#### **Title page (1 slide) \_\_\_\_\_ / 5 points**

- Contains a title of your project, the names of all group members, and the date of the presentation

#### **Introduction (1-3 slides) \_\_\_\_\_ / 10 points**

- Background relevant to the project is clearly described
- The significance (importance) of your project is clearly stated
- The objective or hypothesis is clearly stated

#### **Materials and Methods (1 – 3 slides) \_\_\_\_\_ / 10 points**

- The methodology used to carry out the project is described.
- If the project includes developing a model or program, the model (results) can be presented first (before implementation details).
- References to previously used methods are included, if applicable.

#### **Results (3+ slides) \_\_\_\_\_ / 20 points**

- A clear, unbiased presentation of the results.
- A total of at least three graphs or tables are clearly explained, with trends or specific results highlighted.

#### **Summary / Conclusion (1-2 slides) \_\_\_\_\_ / 10 points**

- The major contributions, findings, and significance of the work are accurately summarized.
- Limitations and possible extensions and future work are discussed.

#### **Format and Organization \_\_\_\_\_ / 45 points**

- The focus of almost every slide is a picture or a table, and these are properly cited, if applicable.
- The majority of slides have a title and text is properly organized and readable (i.e., there is not too much text on one slide; text is not too small)

**Additional requirements – see next page**

## **Additional Requirements**

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- Oral presentation: The presentation is delivered smoothly and in the allotted time (10-12 minutes) [up to 10 point deduction if not met]
- Citations: Relevant references are appropriately cited in the presentation, using an appropriate format. A bibliography is not necessary but could be included. [up to 10 point deduction if not met]
- Grammar and style: The presentation contains very few, if any, spelling or grammatical mistakes. [up to 10 point deduction if not met]
- Members contribute roughly equally to the spoken presentation [up to 20 point deduction for group members that do not contribute]