Visualization 6406
Notes on Seminar Presentations

General notes:

- Each student will present **TWO research papers.** One in each seminar set.

- Students will also submit **a *review*** each presented paper including critical commentary by the student. For the paper reviews, you will evaluate the papers using the official **IEEE Transactions on Visualization and Computer Graphics journal review form**. See the course webpage for the editable review form.

- Students will also submit **a 6 page survey report** of the general area of visualization that each presented paper is within. This should discuss a number of papers that are similar to the presented paper in application and/or methods.

- ***Do not go over the page limits.*** Treat this like a conference or journal hard page limit. If you go over the limit, the extra pages will not be marked.

- Reports and reviews are due at the beginning of the next lecture after your seminar presentation.

- Following each presentation will be a short question/discussion period.

Notes on Seminar Schedule:

- Seminar classes will run (mainly) on **Wednesdays**, in class.

- There will be **3 seminars** in each seminar class. Each by a different student.

- Each seminar will be **20 minutes with 5 minutes** for questions.

Choosing a paper to present:

- You must email the professor **one week before your seminar** with the title of the paper that you are presenting and a web-link where that paper can be downloaded. This will ensure that the rest of the class has a chance to read it and that the paper is appropriate.

- Take a look at A Brief Informal Guide for Finding Research Papers of Interest on the course reference page.

- It is recommended that you choose a paper from the following journals and conferences, but other sources can be considered:
  - IEEE TVCG, IEEE Vis, IEEE Infovis

Suggestions for your presentations:

- There will likely be some amount of overlap between the lectures and seminars. Try to focus on those aspects of the papers that have not already been covered in lectures.

- Provide some brief context of where the paper fits into visualization research. For example, is the paper mainly about human perception? Presentation? etc.

- Highlight what the papers contributions are. How does it differ from the prior work that it references?

- Discuss any limitations of the paper that the authors point out, or that you suspect have not been addressed.

- Discuss how the work could be expanded or altered. What future work did the paper open up? Did it give you any ideas?

- Try to anticipate questions that the audience might ask.

- Clearly motivate the paper. Why was this research done? Why is it worthwhile? Is it worthwhile?

- Clearly structure your talk with:
    - an introduction and motivation,
    - prior work (brief),
    - main body,
    - limitations
    - and future work.

Grading of Seminars

- Evaluated for 30% of the Final Grade.
    - 2 × presentations worth 5% each
    - 2 × reports worth 5% each
    - 2 × IEEE reviews worth 5% each
- Presentations with be graded on:
    - Visual quality of presentation (slides)
    - Delivery
    - Content of Presentation
    - Ability to Answer Questions
    - Overall Effectiveness