

Final Project Assignment

- Late assignments lose five points per day -

For your final project, you will create an original piece of work in a medium of your choice on any subject related to the **science of light**. The piece must convey a scientifically accurate understanding of the course material, or other material related to the science of light.

As an example, a number of projects have been included in the class sessions throughout the course.

You should also look through these sections for inspiration and interesting examples of good science/art projects. Also included here are a number of sources of inspiration that you may want to explore.

Expectations:

Final Proposal – Due 10/26 or 10/27 (week after you submit your Research Paper)

- A short proposal of 250 words and a minimum of two images on what you intend to do for this assignment must be submitted. You must say what area of the science of light you intend to cover, and the means (e.g., creating a sculpture) by which you intend to do so.
- Proposals to be submitted as a single **DOCX file**.
- Only proposals emailed to me at crubenst@pratt.edu will be accepted.
- You will receive feedback from me via edits to your project proposal page.

Project

- Your project should describe and communicate the underlying science of one or more of the topics discussed in the course, or describe in-depth a topic that is of particular interest to you that relates to the course material.
- Project PowerPoints must be accompanied by description of 500-800 words that explains the science behind your project. It is also highly recommended that you include comments on your PowerPoint slides indicating what is shown on them.
- Your written description must contain at least four images, photos or figures.
- **All written documents must contain a bibliography related to your project.**

*At a minimum, a bibliography entry should include author's name, date (year is required for all citations; day and month should be included for newspaper or magazine articles), title, and page number. As you probably found the reference on the Internet, those references should be cited with a page title, a **full URL address**, and the date accessed.*

Final Project Paper and PowerPoint Due Date 11/30 or 12/1

Your Final Project materials MUST be attached to an email and NOT be on a cloud, etc., drive for me to accept them.

You are responsible for making sure your project is well written in clear, correct English with an appropriate use of scientific terminology. It should be at the standard of an article in Wired; Scientific American; or the New York Times science section.

They are due by 12:00pm Noon ET on either 11/30 or 12/1 and I will reply "Thank you" to your email by 5:00pm to assure you that I have received your submission

Make sure to copy yourself on your submission email. This way, should you – or I - have any problems with your email submission, you can re-send it to me with the time/date stamp of your original submission.

I will reach out to anyone whose work I have not received by 5:00pm on the due date. Late assignments will lose 5 percentage points each calendar day they are delayed from the Noon due date.

Final project Presentations on 12/7 or 12/8

· You will give presentation of approximately 5-10 minutes of your work to the class in the **final "Project presentation" week.**

Additional Notes

- **Your project must communicate the scientific content you have researched in a meaningful and accurate way.**
- **Make as many references to materials from the course as possible.**
- **Your project should build on material covered in the course, not simply repeat what you have already been taught or knew before. If you cannot explain why it would have been impossible for you to complete this project before you took this class, you are doing it wrong.**
- Your project cannot be an example of revising or retrofitting a project for another class to be about the Science of Light.
- You may not use standard photography or video projects that claim to be using the "science of light" simply because that is their natural medium.