

SCI 110.1010 Project Guidelines

I. Purpose:

The primary purpose of this assignment is to give you some experience **professionally communicating science and mathematics** to an audience of your peers by preparing a poster and slides for a short talk (10-20 minute; roughly 1 slide per minute).

II. Topic:

The topic is to be chosen by you. It can be a peer-reviewed research article, independent research you have recently conducted yourself, or an educational exposition on an advanced topic (e.g., a topic from a junior or senior level course) directly relevant to your major. Need advice? Feel free to contact me for help! :-)

Deadlines: Please email me (phurtado@unr.edu) a brief topic description in the form of 1-2 slides (any format I can convert into PDF) **before 11am on Friday (12/9)**. Please do not exceed 2 slides. This will help me ensure you are on track with the assignment, and **on Monday (12/12) we'll use these slides for micro-presentations in class.**

Note: I may get back to you on Friday and work with you to revise your topic or slides before Monday, if needed!

III. Poster

As discussed in class, you are very strongly encouraged to create your poster using LaTeX, either using one of the UNR Poster Templates provided on the instructor's website (<http://www.pauljhurtado.com/latex/>) or another template (e.g. one of the templates on Overleaf.com, e.g. <https://www.overleaf.com/gallery/tagged/poster>).

If needed, please see the following resources for tips on preparing an effective poster:

<http://www.math.illinois.edu/~ajh/ugresearch/presentations.html>

<https://www.siam.org/meetings/guidelines/poster.php>

<http://www.aapt.org/conferences/posterGuidelines.cfm>

Deadlines: Please email me (phurtado@unr.edu) a very rough **draft poster** (format: PDF) by **9am on Wednesday (12/14)**. I'll get back to you that day about whether or not the poster needs any additional modifications, in which case a revised (final) poster would be **due before 11am on Friday 12/16**.

Note: You are welcome to send me a draft at your earliest convenience, and I will get back to you as quickly as possible in case you would like to get it done before the 16th! :-)

IV. Slides

Please take your poster and create a set of roughly 10-20 slides as discussed in class. These should be light on (but not devoid of) text, as presumably you would be talking not just having an audience read your slides! **Note:** you do not need to give a presentation.

Deadline: Slides are due with your final poster before **11am on Friday 12/16**.