Looking Back to the Future: Using paleoclimate data to understand Antarctica's ice sheets

Detailed Syllabus-- Master Class #3

Before March 3, 2015
1. Complete the pre-survey (in "Files" in online discussion group) Feb. 27-March 3, 2015

March 5-13, 2015

2. Post a one-page reflection about the webinar (either live or recorded version) in the discussion group: Include reactions to the science/communication content as well as your thoughts on how you might use the *Mix up a Model Rock Core* (http://www.andrill.org/flexhibit/flexhibit/materials/activities/Activity3C-MixUpARockCore.pdf) and *Drill Model* (http://www.andrill.org/flexhibit/flexhibit/materials/activities/Activity3A-BuildADrillsite.pdf) activity/ies (as a scientist's demonstration or as a hands-on activity) with your audience.

3. Download and read the *Mess-Free Rock Core* activity. (http://www.andrill.org/flexhibit/flexhibit/materials/activities/Activity3D-Mess-FreeRockCores.pdf)
--Compare and contrast the *Model Rock Core* activity presented in the webinar with the *Mess-Free Rock Core* activity.
--Which would you use in your circumstances, and more importantly, why?
--How could these activities be used with different audiences?
--How could they be used in different settings? (classrooms; auditoriums; outdoors; etc.)

March 16-27

4. Download and read the article "Making Effective Scientific Presentations" by Gary B. Lewis. (Geological Survey of America)
www.geosociety.org/graphics/eo/Effective_Presentations.pdf
Post a comment about how this article is applicable to you as an educator or researcher.

5. Assignment: Find or design a graphic you feel is effective in communicating one concept related to climate change. Post the link or graphic in the discussion group. Comment on other participants' graphic choices. What makes the graphics effective?

March 27-29, 2015

6. Complete the post-survey