

The Next Generation Lunar Scientists and Engineers:

Recent Activities and Future Plans

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Next Generation Lunar Scientists and Engineers (NGLSE)

- Started as grass-roots effort to engage, inspire, and assist in developing and sustaining the next generation
- Members range from undergraduates through early career researchers/professors
- Funded via NASA Opportunities in Education and Public Outreach for Earth and Space Science (EPOESS)
- Provide professional development, networking, and opportunities for members to interact with established members of the lunar community

Big Thanks to the NLSI

- Incredible support over the past 4 years
- Prior workshops:
 - Research presentations
 - How to effectively present to students / the public
 - How to talk with / deal with the media



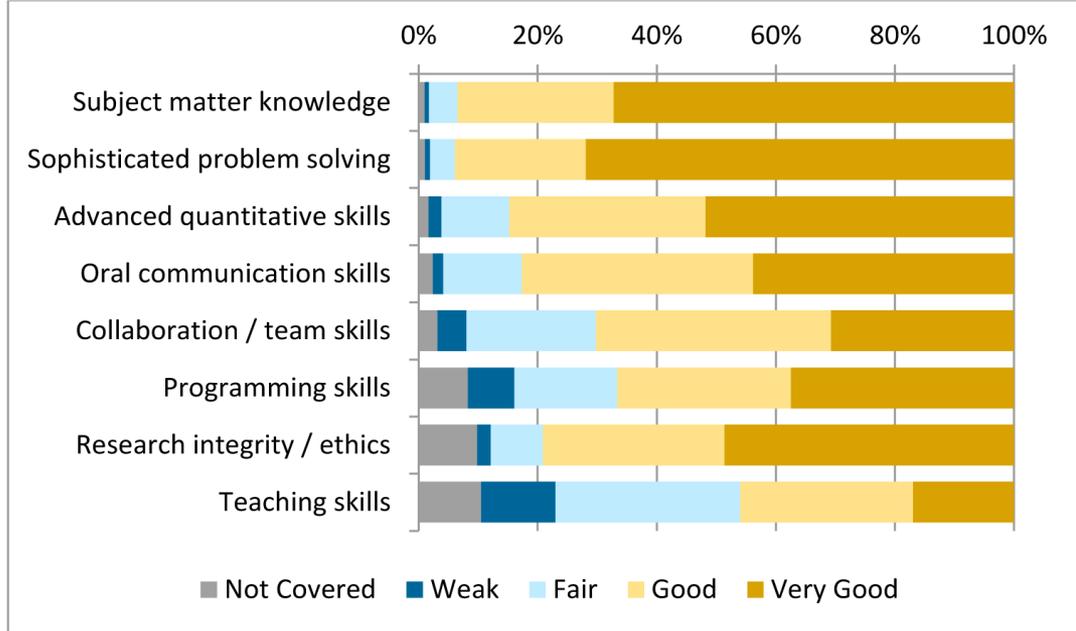


Figure 7a: Respondents Ratings of How Well their Doctoral Program Prepared Them

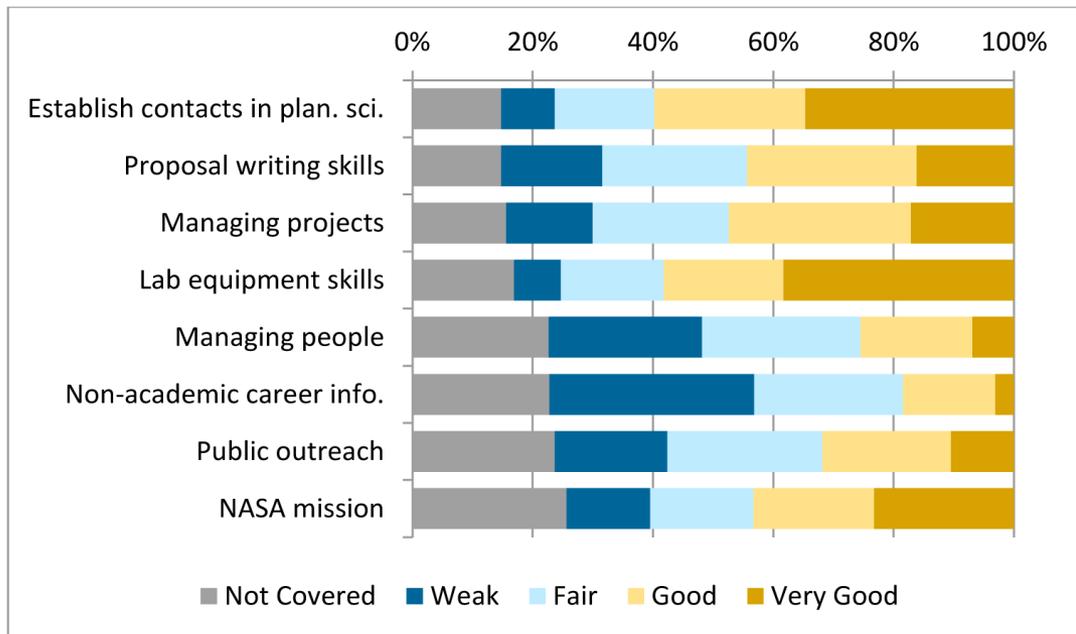
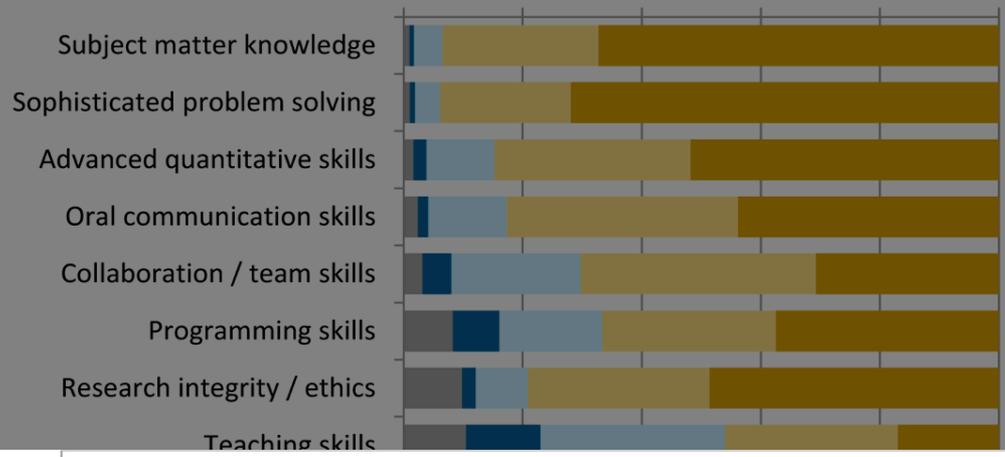


Figure 7b: Respondents Ratings of How Well their Doctoral Program Prepared Them

Community needs based on 2011 survey of the Planetary Science Workforce.

Largely follows survey conducted early in NGLSE efforts.

0% 20% 40% 60% 80% 100%



Community needs based on 2011 survey of the Planetary Science Workforce.

Largely follows survey conducted early in NGLSE efforts.

0% 5% 10% 15% 20% 25% 30% 35% 40%

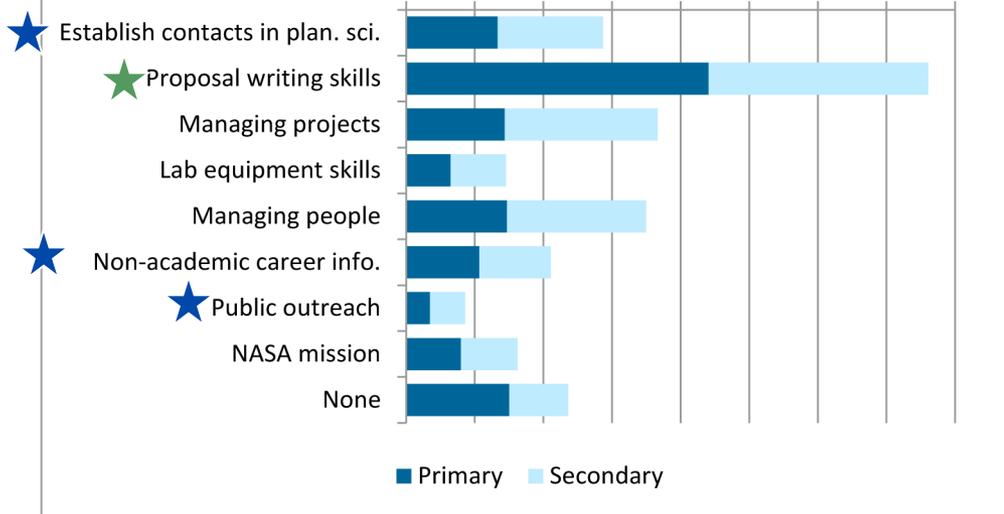


Figure 8b: Areas in Which My Career Could Have Benefitted from More Training in Doctoral Program



Figure 7b: Respondents Ratings of How Well their Doctoral Program Prepared Them

Pre-NLSI Workshop (Monday): Facing the Job Market

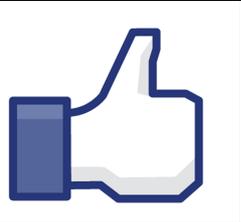
- 17 participants
- AM : Results of the planetary science workforce survey, panel discussion on different career options (NASA, Stony Brook U., PSI, Google)
- PM : Diversifying your research - Bill Bottke,
- crafting your elevator speech
- *proposal process discussion*
- PM: Evaluation and ARC tour



Survey Feedback

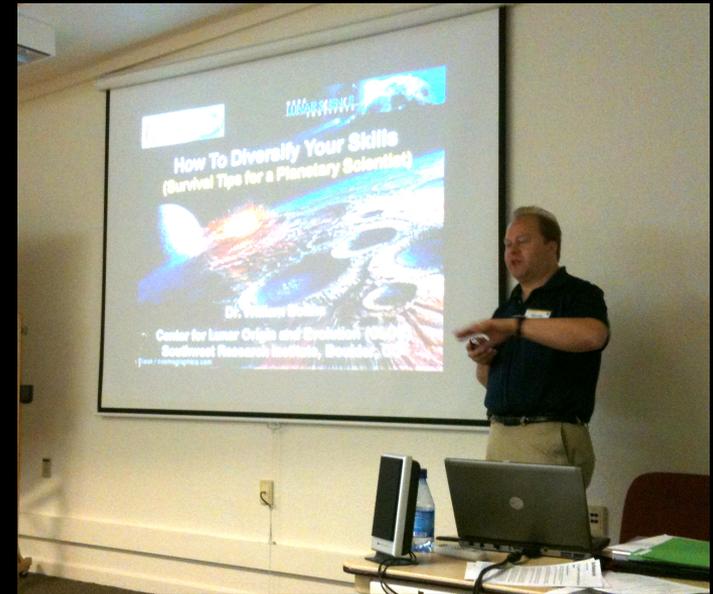
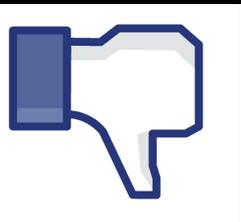
- Likes:

- “Panel of how they got to where they are; how to navigate ROSES, etc.; didn’t even know that you can go planetary science @ Google or in your house with your cat → cool!”
- “Hearing the perspective for different types of jobs was very good; Also Bill Bottke’s talk about his career was FANTASTIC”



- Dislikes:

- “didn’t fee that the practicing of a speech/interview was as interesting as picking your brains → more picking please!”



Future Directions

- Encouraging next-er Next Gen leaders
 - Investigate funding options (EPOESS, et al.)
 - New blood with new ideas
- Support to move forward and broaden scope
- Continue to work with LunGradCon
- Tutorial on proposal writing, proposal writing, and proposal writing

In Short...

- There exists a community of “young” scientists and engineers that are still enthusiastic about the Moon
 - Ready to participate in scientific exploration of the Moon
 - Ready to share their excitement and science with the public
 - Committed to productive and long-term contributions to the broader lunar community
- However, there needs to be caution that this recent growth in the community is not “lost”

