

**Next Generation Lunar  
Scientists and Engineers  
Pre-NLSI Forum Workshop:  
Results and Feedback**

Noah Petro, Lora Bleacher, Delia Santiago,  
Jake Bleacher, and Sarah Noble

July 21<sup>st</sup>, 2010

NGLSE @ NLSI 2010

# 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 (>175) include undergraduates, graduate students, post-docs, early career researchers, and new members of lunar community

# Next Generation Lunar Scientists and Engineers (NGLSE)

- Funded via NASA Opportunities in Education and Public Outreach for Earth and Space Science (EPOESS) program to hold annual workshops prior to NLSI and LPSC
- Provide professional development, networking, and opportunities for members to interact with established members of the lunar community

# Pre-NLSI Workshop

- 27 participants from US, Canada, UK
- AM : Mini-workshop on effective science communication
- Lunch with NLSI leads
- PM : Science talks/Poster session
- PM : Q&A with Mike Wargo (NASA HQ)
- PM : Terry Fong (NASA Ames) on intelligent robotics
- PM : E\PO resources from Lora Bleacher
- Dinner at Tied House courtesy of NLSI with NLSI leadership and LEAG leaders

# Workshop - Professional Development: Effective Science Communication

- Three science educators from GMU developed mini-workshop on effectively communicating science
- Pre-workshop needs assessment:  
95% of participants present to high school or college classes at least once a year, with 55% presenting more than 5 times a year



# Science Discussions

- Attendees gain experience giving presentations



NGLSE @ NLSI 2010

# Results

- Participants agree that they received valuable communication skills to use in future activities
- Participants strongly agreed that the workshop format allowed interaction and discussions with each other and presenters
- Participants strongly agreed that they anticipate networking/collaborating with each other

# Most Valuable Aspects of the Workshop

- Meeting and interacting with established members of community, especially Mike Wargo
- Meeting and networking with each other



# Conclusions I - Future Workshops

- Participants want:
  - **Proposal writing advice and techniques**
  - Career advice and mentoring
  - Professional presentation best practices
  - More coffee

# Conclusions II

- There exists a community of “young” scientists and engineers that are still enthusiastic about the Moon
  - Ready to share their excitement and science with the public
  - Ready to participate in scientific exploration of the Moon
  - Committed to productive and long-term contributions to the broader lunar community

- Join us on Facebook and our email listserve
  - To subscribe send the following in the body (not the subject line) of an email message to  
**Majordomo@listserv.gsfc.nasa.gov**  
subscribe nextgenlunar