

Explore the Moon!



Do you teach middle school astronomy?

Do you enjoy the interplay between science and engineering?

Do you want to inspire your students with NASA's unique science?

If you answered yes to these three questions and you are eager to pursue professional development in a different way, then we invite you to join us in our exploration of lunar science education.

We are a team of scientists and education specialists based at the University of New Hampshire. We work with the Cosmic Ray Telescope for the Effects of Radiation (CRaTER), a UNH instrument on NASA's Lunar Reconnaissance Orbiter (LRO).

Working with us, you will:

- Create your own professional development experience in lunar and space science
- Customize your experience for effectiveness and satisfaction, around your own schedule
- Connect to NASA resources
- Communicate with NASA lunar scientists, engineers, and education specialists
- Become an expert in the design, operation, and science results of an LRO instrument
- Design and implement student challenges
- Confer with other middle school astronomy teachers
- Present what you learn to other middle school teachers
- Receive financial support to assist your efforts developing and implementing your plan
- Receive up to 120 professional development hours

This exciting opportunity combines independent investigation, collaborative learning with experts, and engaging instructional meetings.

Starting this spring and continuing over the summer and following school year we will meet five times: once this spring, three times throughout this summer, and once in the following school year.

Interested? Send two paragraphs (no more than one page):

- One paragraph describing why you want to be a part of this program and who, if anyone, will be your teaching partner (preference will be given to teams of two teachers [e.g., one can teach technology] from a single school)
- One paragraph describing your previous astronomy professional development experiences, particularly those that covered lunar science

Please send your paragraphs to Andrew Jordan (a.p.jordan@unh.edu).