



June 25-29 , 2012 OCI Workshop 9am-3pm EST

## Novel Approaches to Science Education

Teacher stipend \$300 for the week  
 Childcare & Lunches provided  
 PD credit may be available

What can we learn from a blacksmith, a storyteller, a musician, a photo-journalist, an actress, a questioning physicist and an ceramist? A surprising array of carefully screened professionals will demonstrate original approaches to science and to education. There are no right or wrong answers when brainstorming & problem-solving. We must rely on our creativity and willingness to do things in new ways. It is widely held that the future requires science & technology be inventive. Activities for the week include:

Question-based learning (UC-Davis style Physics)  
 Real world problem-solving (Toyota's Blacksmith)  
 Music, an amazing learning tool (Music therapist)  
 Stories & hard-science by way of 30 yrs of teaching  
 Fostering creativity & science-learning through ceramics  
 Photography & Journalism (Pulitzer Prize winner!)  
 Theatre Arts: children learn when using their bodies

\*OCI is made possible through the generous support of Kentucky Utilities.



Clay Hill Memorial Forest  
 7426 Old Lebanon Road  
 Campbellsville, KY 42718



**For more information:** Contact Alicia Bosela, [asbosela@campbellsville.edu](mailto:asbosela@campbellsville.edu)

**Or Apply Online:** [www.clayhillforest.org/2012/oci.htm](http://www.clayhillforest.org/2012/oci.htm)

**Our mission:** Clay Hill Memorial Forest is a regional center for environmental education and research. We promote conservation by increasing public awareness of the aesthetic, recreational, and economic importance of forests. We manage our property for sustainability and believe that our goals are best achieved through education.

|                    | 6/25                       | 6/26                | 6/27             | 6/28                          | 6/29                  |
|--------------------|----------------------------|---------------------|------------------|-------------------------------|-----------------------|
|                    | Monday                     | Tuesday             | Wednesday        | Thursday                      | Friday                |
| 9:00-10:15         | Intro/Photos               | Teaching with Drama | Ceramics         | Environmental Education       | Teacher Presentations |
| <b>10:15-10:30</b> | <b>Break</b>               | <b>Break</b>        | <b>Break</b>     | <b>Break</b>                  | <b>Break</b>          |
| 10:30-11:45        | Teaching with Questions    | Teaching with Drama | Ceramics         | Environmental Education       | Teacher Presentations |
| <b>11:45-12:45</b> | <b>Lunch</b>               | <b>Lunch</b>        | <b>Lunch</b>     | <b>Lunch</b>                  | <b>Lunch</b>          |
| 12:45-2:00         | Problem-Solving for Toyota | Teaching with Music | Photo-journalism | Storytelling to each Science  | Teacher Presentations |
| <b>2:00-2:15</b>   | <b>Break</b>               | <b>Break</b>        | <b>Break</b>     | <b>Break</b>                  | <b>Break</b>          |
| 2:15-3:30          | Problem-Solving for Toyota | Teaching with Music | Photo-journalism | Storytelling to Teach Science | Wrap Up               |

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