**Fellowship Announcement**

***NSF GK-12 EE- Nanotechnology in the Classroom*** is offering competitive fellowship awards for the 2011- 2012 academic year to exceptional graduate students in different STEM (science, technology, engineering and math) fields. These fellowships are awarded to exceptional graduate students who want to share their enthusiasm for science with teachers and high school students. This grant is funded by NSF and covers graduate tuition, fees, and a full-year stipend of $30,000 for full-time PhD students.

**Responsibilities** include, but are not limited to:

1. Attending classes, workshops and symposiums to learn about EE Nanotechnology;
2. Participating in training sessions, readings and journal entries about Discovery Learning and Inquiry Based Education beginning with the *Science Posse*'s Teacher Workshop to learn about teaching with inquiry held annually in the first week of August;
3. Collaborating with Partner Teachers to incorporate EE- Nanotechnology into the existing standards based curriculum with creative and inquiry based lessons for 9-12th grade students in Wyoming;
4. Producing a product (conference talk, teaching DVD, publication, science lesson pod cast form your experience as EE-Nanotechnology Fellow
5. Communicating with Partner Teachers on a regular basis through Elluminate or SKYPE (or some other cyber communication), email, and travel to participating schools in Wyoming
6. Attending and presenting at local and national professional conferences;
7. Collaborating with local and state energy industry to increase Fellow, Partner Teacher and student interest and knowledge in EE-Nanotechnology
8. Coordinating and hosting various workshops for teachers and students.
9. Full participation in Fellow meetings, journaling and all other forms of project communication.

**Applicants must be**:

* Seeking an advanced degree in one of the science, technology, engineering, or math (STEM) fields. (PhD students are preferred, but MS students will be considered);
* Willing to contribute 10 – 15 hours weekly to the grant program
* Committed to a full year (August 2011-August 2012);
* An American Citizen or a Permanent Resident
* Excited about sharing their love for research with Wyoming students and their knowledge with Wyoming teachers;
* Able to positively contribute to a team environment.

**For application information please contact Dr. Milan Balaz, NSF co PI, (****mbalaz@uwyo.edu****)**

**or**

**Leslie Roth, project coordinator, (****lroth@uwyo.edu****)**