Research Experiences for Teachers (RET) Program in Nanotechnology at the University of New Hampshire

Over the past three years, the Nanoscale Science and Engineering Center for High-rate Nanomanufacturing (NSEC-CHN) has provided interesting, informative, state of the art programs for the teachers in New Hampshire, so that they could inform, educate, and hopefully inspire their students to think nano. During our 2006 K-12 teacher conference and our 2006 summer institute, participants saw presentations from other teachers that had participated in a nanotech RET (Research Experiences for Teachers) Program at other Universities. RET programs typically run for several weeks during the summer months and they provide K-12 teachers with an opportunity to immerse themselves in a cutting-edge research project. Teachers that have participated in RET programs have been enthusiastic about their experiences. It has helped them communicate nanotechnology concepts to their students. Several of the teachers participating in our conference and institute have asked us to run an RET program. At this point in time, we are considering an RET program for THIS summer (2007).

While the details have not been fully worked out, we are considering a Research Experiences for Teachers Program for a limited number (4 – 6) of New Hampshire teachers. Teachers that have participated in our K-12 teacher conference or summer institute would be given highest priority. The projects would involve 3 weeks of research, 8 hours per day, 5 days per week. Work would be in a laboratory setting and may involve standing for extended periods. Participating teachers would receive a $2400 stipend and also a certificate indicating 120 professional development hours. Teacher participants would be required to prepare 3' x 4' posters that describe their research work and these posters will be taken back to their respective schools for viewing. Templates for the posters and poster printing will be provided.

If you are interested in this potential RET opportunity, please fill in the following information and send it back to Sue Greenberg, K-12 Outreach Coordinator, UNH, Parsons Hall, 23 College Rd., Durham, NH 03824; phone 603-862-3325, fax 603-862-4278, e-mail susan.greenberg@unh.edu. Please return the information ASAP, no later than May 15th. When we decide how we are going to proceed, we will contact you. Thank you.
Name:

Home Address:

Town/City: State: Zip:

Home Phone: ( ) Work Title:

School: Grade/Subject:

School Address: Work Phone: ( )

Town/City: State: Zip:

Years of teaching experience:

Email:

Have you participated in any of our Nanotech K-12 teacher conferences or summer institutes?

If yes, what years?

Check **ALL** 3-week blocks in which you could fully participate (no absenses):

July 2\(^{nd}\) – July 20\(^{th}\) 

July 9\(^{th}\) – July 27\(^{th}\) 

July 16\(^{th}\) – August 3\(^{rd}\) 

July 23\(^{rd}\) – August 10\(^{th}\) 

Please explain how participation in an RET program would impact your curriculum?