

Application for WPI Bioengineering NSF Research Experience for Teachers Program

Inquiry-Based Bioengineering Research and Design Experiences for Middle-School Teachers

Dates of program : June 30, 2008 – August 8, 2008 (full-time), plus 2 follow-up workshops during 2008/09 school year (dates and times TBD)

To Apply: Please fill out this application and sent it to Professor Terri Comesano, Department of Chemical Engineering, Worcester Polytechnic Institute, 100 Institute Rd., Worcester, MA 01609

Qualifications: You must teach at least one science, technology , engineering, or math (STEM) subject during the current academic year. All levels of teaching experience are welcome.

Questions: Please contact Prof. Comesano at terric@wpi.edu, or you may call Ms. Felicia Vidito at 508 831 5250

Please see the attached flyer or go to http://users.wpi.edu/~kbilliar/teach_other.html for program details including goals, research areas, teacher expectations, salary, and options for graduate and professional development credit.

Name:

School at which you are currently teaching:

Number of years you have been teaching at middle school level:

Grades and subjects you taught during the 2007/2008 school year:

Phone number where we can contact you (day):

Phone number (evening):

Email address:

After familiarizing yourself with the goals and expectations of the program, on a separate, typed page, please answer the following questions:

1. Please tell us briefly why you are interested in participating in university research and in this program in particular. If there is a specific research area in bioengineering you are interested in learning about, you can indicate that here (optional).
2. One of the main goals of the program is to aid educators in teaching engineering concepts to students. Briefly explain how you see yourself applying the experience you gain in the summer program to your teaching during the next academic year.
3. We would like to have a broad impact on student learning in Worcester. What ideas do you have about how the participants of this program could disseminate the knowledge and skills gained in the program to other teachers once the school year resumes next September?