



Summer Biotechnology Institute for Elementary Teachers



in

Powers of Ten

Integrating Microscopy into Instruction
in the Elementary Classroom



JUNE 17-JUNE 21

SUMMER 2013

DATES

June 17— June 21, 2013
Monday—Friday
8:30 a.m.—3:00 p.m.
Friday: Field trip

LOCATION

Fully equipped
biotechnology facility in
the new Science, Tech-
nology, Engineering, &
Math (STEM) Building

TO APPLY

Submit application by
June 3, 2013 to:

Summer Biotech
Institute for Teachers
c/o Robin Thomas
STEM Building
11400 Robinwood Drive
Hagerstown MD 21742
rethomas@hagerstowncc.edu
240-500-2268
Fax: 301-393-3694

www.hagerstowncc.edu
/biotech

Hagerstown Community College is proud to offer its fifth annual Summer Biotechnology Institute for teachers. The 2013 focus will be on microscopy and its use in the elementary classroom. The goal of the Institute is to introduce elementary teachers to microscope technology while providing them with practical experience in the use of microscopes and ideas on how microscopy can be used to enhance instruction. The Institute will be hands-on with an emphasis on the development of grade appropriate lessons that infuse microscopy into the existing elementary science curriculum. Instructors will be Dr. Judith Peisen, Dr. Alicia Manfre, Dr. Kristen Lennon, Rebecca Beecroft and Theresa Biddinger from the HCC Mathematics and Science Division.

Participants will:

- Explore the techniques and practice the skills associated with microscopy
- Develop appropriate lesson materials that incorporate the use of microscopes into their respective grade level instruction
- Obtain valuable materials and resources for implementing microscopy in the classroom
- Travel on field trips and use field microscopes while collecting unique specimens for use with microscopy in the classroom
- Network with teachers with similar interests
- Have the option to earn 3 graduate credits from Frostburg State University with concurrent registration
- Earn 3 MSDE and WV credits (pending)
- Earn \$400 per week for participating



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