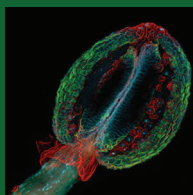




Summer Biotechnology Institute for Secondary Teachers



21st Century Microscopy for the
Secondary Classroom:
Innovations and Applications



JUNE 24 - JUNE 28

SUMMER 2013

DATES

June 24— June 28, 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 middle and high school teachers. The 2013 focus will be on microscopy and its use in Biotechnology. The goal of the Institute is to enhance the understanding of current microscope technology and introduce 21st century microscopy skills. The Institute is hands-on with a focus on implementing the latest microscopy technologies into middle and high school science curricula. 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 and imaging, including phase contrast and bright field technologies
- Explore the use of microscopy in the biotechnology lab
- Obtain valuable resources for implementing microscopy in the classroom
- Travel on field trips to a regional microscopy facility and converse with scientists and guest speakers
- 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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