This summer, dive into the Chesapeake Bay…

and earn four graduate credits from Longwood University

SOLstice:
Summer of Learning – Science Teachers
Investigating the Chesapeake Environment

This unique and exciting Chesapeake Bay Academy will bring together university faculty, practicing middle-school teachers, and pre-service middle-school science teachers to work collaboratively as “teacher-researchers.”

The context: Our Chesapeake Bay and its watershed
The focus: The development of disciplinary thinking through authentic scientific investigations
The charge: The resolution of public issues through practical, engaged learning and mathematical and scientific ways of knowing
The impact: The transfer of scientific knowledge to multidimensional civic issues and to the middle-school classrooms

Goals of the Course
• Engage actively in scientific investigations and inquiry learning
• Increase content knowledge of Chesapeake Bay issues
• Practice with tools, techniques, and technology used in field data collection
• Engage in discussions with practicing scientists and natural resource professionals
• Practice with valuable resources that enrich middle-school students’ classroom and field experiences
• Focus on issues and environmental subjects included in the Virginia Science Standards of Learning

Dates
• July 11-15 – online assignments and readings
• July 17-23 – field work at Hull Springs Farm
• July 25-29 – field/lab work and analysis on Longwood campus
• August 1-5 – online reflection and project completion
• August 5 – public presentations of projects

Sponsors
Longwood University’s Cook-Cole College of Arts and Sciences:
Liberal Studies
Department of Biological and Environmental Sciences
Department of Chemistry and Physics
Department of Mathematics and Computer Science
Instructional Technology
Office of the Dean
Hull Springs Farm of Longwood University
Clean Virginia Waterways
Virginia Resource-Use Education Council
Meaningful Watershed Education Experiences Mini-Grant

Middle-school science teachers (grades 6-8) are urged to sign up today!
Course (including four graduate credit hours, two weeks of housing and meals, extensive materials) is just $500 thanks to sponsor support. Call Dr. Pat Lust at Longwood University (434-395-2049) for details.

For more information: http://www.longwood.edu/liberalstudies/33955.htm
To apply: http://www.vanaturally.com/vanaturally/bayacademy.html