*Ocean Academy**

"Cycles: More Than You Think" 10 PDP's

Four Wednesdays; March 4, 11, 18 & 25, 2015 ~ from 4pm - 7pm

Buttonwood Park Zoo
425 Hawthorn St, New Bedford, MA

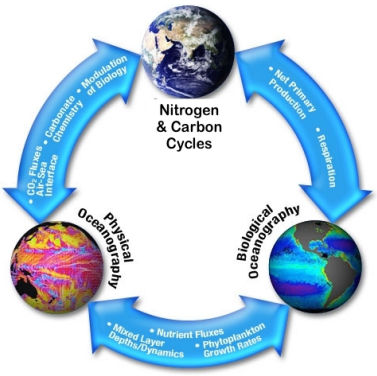

image from science.nasa.gov

This program's design will cover the Advanced Placement, NGSS and MA State Frameworks dealing with the interactions and cross connections of the biogeochemical nitrogen, oxygen, and carbon cycles. Participants will learn about current research on connections between biogeochemical cycles and the relevance to the local Buzzards Bay Ecosystem. The material will align best with AP Biology, AP Chemistry, and AP Environmental, however, all high school Biology teachers will find valuable and relevant material for their courses as well. The program assessments will include; both pre and post tests and a class lesson share. Participants will earn 10 PDP's upon completion of the full program.

Facilitators*:*
Ocean Academy Co-Director's*

- *Annette Brickley*
- *David Welty, PhD.*

ENROLLMENT LIMITED TO 20 TEACHERS (Open to all Districts)
Go to the online registration form (http://goo.gl/forms/sJIlb3zdQU) to register.

If you have questions or need to cancel your registration, please contact:
Annette Brickley (abrickley@oceanexplorium.org)

This opportunity is made possible by funding from the National Science Foundation to Dr. Mark Altabet, UMass Dartmouth, School for Marine Science and Technology as a "broader impacts" portion of a collaborative research grant NSF #1153295.

*The Ocean Academy is a professional development provider that offers supportive training opportunities in the sciences, math and other related disciplines. Operated by the Ocean Explorium and New Bedford Oceanarium since 2002, it will continue it's mission working in close partnership with the Buttonwood Park Zoological Society, the Center for University, School, and Community Partnerships (UMass Dartmouth) and other partners.