

PLankton And Nutrient Studies for the Chesapeake Bay

PLANS Workshop Agenda

Morgan State University Estuarine Research Center

July 20 – 22, 2010

Tuesday, July 20, 2010

8:00 am – Registration and Morning Refreshments

8:30 am – Welcome to PLANS and the ERC

Kelton Clark

Introduction of the PLANS Staff

9:00 am – An Overview of PLANS

Drew Ferrier

Pre-workshop Survey

9:45 am – The Ecology of Harmful Algae

Quay Dortch

10:45 am – Morning Break

11:00 am – An Introduction to Plankton Monitoring

Richard Lacouture

12:00 noon – Lunch – Buffet-style, served in the ERC Solarium

1:00 pm – Hands-on Learning about Plankton

Stella Sellner

- Identification and Taxonomy
- Counting Plankton and Capturing Images
- Using the Fluorometer

3:45 pm – Wrap-up discussion of the day's activities

PLANS Staff

4:00 pm – Adjourn for the Day

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Wednesday, July 21, 2010

8:30 am - Morning Refreshments

9:00 am – Sampling Cruise on the R/V *Joseph Leidy*

Stella Sellner &
Claire Hudson

- Finding your way: Navigation and GPS
- Water Column Profiles
- Plankton Sampling
- Oyster Dredging

12:00 noon – Lunch – Buffet-style, served in the ERC Solarium

1:00 pm – PLANS at School

Stella Sellner &
Claire Hudson

- Visiting your classroom
- Nutrient Enrichment Experiments for Environmental Science classes
- Nutrient Limitation Experiments for AP and Honors classes

3:45 pm – Wrap-up discussion of the day's activities

PLANS Staff

4:00 pm – Adjourn for the Day

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Thursday, July 22, 2010

8:30 am - Morning Refreshments

9:00 am – Internet-based Resources for PLANS Claire Hudson

- A Teacher's List Serve
- The PLANS Web Site (www.plansforthebay.org)
- Lessons using CBIBS (The Chesapeake Bay Interpretative Buoy System)

12:00 noon – Lunch – Buffet-style, served in the ERC Solarium

1:00 pm – The Results of Classroom Experiments Drew Ferrier

- Making Observations
- Summarizing and Analyzing Data
- Reporting the Findings

2:30 pm – The PLANS Capstone: A Spring Conference Stella Sellner &
Claire Hudson

- Recognizing and Celebrating Students' Work
- Poster Presentations
- Photo Competition

3:30 pm – Workshop Wrap-up and Post-workshop Assessment PLANS Staff

4:00 pm – Adjourn for the Day