

**Coastal Observatories Workshop**

**ARRIVAL DATE: Monday, June 16, 2003**

*Thematic Focus: Travel, Social Ice Breakers, and Laying out the Charge*

- 4:00 p.m.** Check in at the Jacques Cousteau Coastal Education Center
- 6:00 p.m.** Catered dinner at the Jacques Cousteau Coastal Education Center
- 7:00 p.m.** Welcome – M. De Luca, J. McDonnell
- Ice Breaker Activity – J. McDonnell
- 7:30 p.m.** Brief overview – What is the Mid Atlantic COSEE? (J. McDonnell)
- What Exactly is a Coastal Observatory in 10 minutes or less!  
Continuous vs. Discrete data (Demonstration)  
Goals and objectives of the program  
Expected Outcomes of the program
- 8:30 p.m.** Conclude program

**DAY 1: Tuesday, June 17, 2003**

*Thematic Focus: Observing the Coastal Ocean – Technology*

- 7:00 a.m.** Breakfast at the JC Coastal Ed Center
- 8:00 a.m.** Open Mic and Morning Announcements
- 8:30 a.m.** Logistics of the Day  
History of Studying the Ocean
- Ocean Technology – Nets to ROVs to Cabled Observatories (speaker TBA)
- 9:15 a.m.** On-line review of COOL Classroom timeline (J. McDonnell)  
Q & A and Debrief
- Break
- 11:00 a.m.** Engineering Perspective –Lego Project  
(Dr. Chris Rogers)
- 12:00** Lunch
- 1:00 p.m.** Lego Project demonstration (C. Rogers)
- 6:00 p.m.** Dinner at Grapevine Restaurant
- Journal / Homework Assignment** Level of inquiry—finding time for the correct blend of on-line and hands-on  
Integration of marine science with technology  
State standards

**DAY 2: Wednesday, June 18, 2003**

*Thematic Focus: Observing the Coastal Ocean: the Physical Environment*

- 7:00 a.m.** Breakfast
- 8:00 a.m.** Morning announcements—Review of day
- 8:30 a.m.** What Makes the Ocean Move? (J. Kohut)  
Questions and Answers
- 9: 30 a.m.** Break
- 10:00 a.m.** On-line demonstration – What Makes the Ocean Move?  
  
Follow that Bloom (M.S. and/or H.S. Versions)  
Q & A / Debrief
- 12:30 p.m.** Lunch at the JC Coastal Education Center
- 1:30 p.m.** Meet at the RUMFS
- 2:00 p.m.** Tour of RUMFS
- 3:00 p.m.** Arabella trip – CTD and plankton sampling – on-board discussion of currents
- 5:00 p.m.** Return to JC Coastal Ed Center (set up plankton samples for exploration)
- 6:30 p.m.** Meet at the 4 C Sons Restaurant for cocktails  
Dinner
- 7:00 p.m.** Roundtable discussion: Group sharing
- Journal / Homework Assignment** Enter your initial impressions of COOL Classroom... identify barriers to successful implementation

**DAY 3: Thursday, June 19, 2003**

*Thematic Focus: Ocean Forecasting – Ocean and Atmospheric Interactions*

- 7:30 a.m.**            Breakfast
- 8:30 a.m.**            Morning Announcements and Open Mic  
Logistical Review
- 9:00 a.m.**            Ocean Forecasting & Modeling (TBA)  
Coastal Upwelling
- 10:00 a.m.**          Earth Science Unit – COOL Classroom  
Q & A / Debrief
- 12:00 p.m.**          Lunch at the Tuckerton Seaport  
Informal tour of exhibits
- 1:00 p.m.**            Gulf Stream Voyage – Evaluation and Debrief
- 3:00 p.m.**            Hands-on Fish Tagging Activity at the Rutgers Marine Field Station  
(Thomas Grothues)  
Half-hour in Computer Lab
- 5:30 p.m.**            Pizza and Beer at the RUMFS
- Journal /  
Homework  
Assignment**          Minority Recruitment

**DAY 4: Friday, June 20, 2003**

*Thematic Focus: The Big Picture*

- 7:00 a.m.** Breakfast
- 8:00 a.m.** Open Mic and morning announcements  
Logistical Review
- 9:00 a.m.** Inquiry in Your Classroom (CIESE)  
Integration of Marine Science Content: the Curse and Blessing... Guided  
Discussion and group planning session (RU)  
Implementation discussion
- 12:00 p.m.** Lunch
- 1:30 p.m.** Teams work on draft strategic plans  
  
Brainstorm needs for state implementation
- 6:00 p.m.** Dockside Restaurant for Dinner
- Journal /  
Homework  
Assignment** Integration and implementation strategies  
Minority recruitment

**Saturday –June 21, 2003**

*Thematic Focus: Planning and Implementation*

- 7:00 a.m.** Breakfast
- 8:00 a.m.** Open Mic and morning announcements  
Logistical review
- 8:30 a.m.** Real-time data projects and collaborative projects (CIESE)
- 9:30 a.m.** Work on Strategic plans and prepare presentations
- 12:00** Working Lunch
- 1:00 p.m.** Presentation of draft strategic plans (3 presentations)  
Next step planning
- 5:00 p.m.** Cruise to Atlantic City

**Sunday –June 22, 2003**

*Thematic Focus: Travel*

**7:00 a.m.**      Breakfast

Van Trip back to Airport