

INTERN RESPONSIBILITIES

This information is provided to the research site mentors and representatives to ensure awareness of the interns' responsibilities throughout the summer program.

PREPARATION

Visit research site **prior to Orientation** to meet Site Representative and/or Mentor Scientist, discuss research project, and establish work schedule. (The Research Site reserves the right of final approval contingent on the outcome of the Site Visit.)

Participate in *MESRP Program Orientation* to review and discuss program procedures, expectations, and outcomes.

SUMMER INTERNSHIP

Report to research site for the duration of the assigned internship and complete a technical or scientific research project in accordance with the expectations established by the Site.

Maintain an anecdotal journal of summer work experiences including the following:

- * Day-to-day experiences
- * Educational outcomes and themes
- * Science and mathematics content information and resources
- * Discussions with mentor and staff

(If the Site requires the maintenance of a Research Log, the Log may be substituted for the journal, provided it is supplemented with an anecdotal record at least once each week.)

Participate in ListServ exchange (once per week minimum).

Meet with the Internship Coordinator during the internship period to discuss the research project, overall progress, concerns, etc.

Work with fellow intern(s) and/or mentor scientist to plan Outreach Activities.

Identify professionals (mentors, Towson University faculty, technical experts) who may serve as resource persons upon returning to the classroom.

INTERNS' RESPONSIBILITIES, continued

AQUARIUS CRUISE

Participate in a one-day educational Bay cruise on the research vessel *Aquarius*. This cruise will be scheduled for late June or early July, and release time will be provided by the Research Sites.

MID-SUMMER MEETING

Attend the Mid-Summer Meeting on July 12, 2002 at Towson University to discuss research experiences, participate in professional development activities, and coordinate plans for fulfilling Outreach requirements.

FALL PRESENTATION DAY

Attend Presentation Day in September (day, time, and location tbd) to present a formal report and written abstract of the research project to interns, mentors, and invited guests. Presentation is to include appropriate visual aides.

OUTREACH

Work independently and in teams to develop creative ways to transfer experiences from laboratories to the classroom to benefit students as well as other teachers. Outreach Requirements include the following:

- * **Classroom Implementation Project**

Develop a comprehensive learning package for transferring the "real world" research experience into hands-on lessons and activities for implementation in the classroom. Complete CIP packages are developed for distribution to other interns and interested educators throughout Maryland.

- * **Speaking Event**

Arrange an opportunity to speak to teachers, administrators, parents, or community members about the internship experience and how it changed the way science and mathematics is viewed and taught.

- * **Team or Collaborative Activity**

Develop a partnership with other professionals in the scientific and/or academic community to design and participate in a project that impacts the way science and mathematics is viewed and taught.



MESRP Orientation Agenda

Saturday, June 2, 2001

Maryland Educators' Summer Research Program

- 9:00 Coffee/Conversation
- 9:30 Introductions & Keynote Address:
 Dr. Katherine Denniston
 Towson University – Associate Dean CSM
 Sherry McCall Ross
 Towson University – MESRP Coordinator
- 10:00 Internship Overview
 Journaling
 Paperwork
- 11:00 Break
- 11:15 Outreach
- 12:30 Lunch
- 1:30 Paperwork for Stipends, etc.
- 2:30 Philosophy of Science Education Activity
- 3:00 Closure



Mid-Summer Meeting Agenda

Friday, July 13, 2001

- 9:00 Coffee & Conversation
- 9:15 Welcome & Warm-up
- 9:30 CIP Criteria – Draft & Final
- 10:45 Break
- 11:00 Forms: CIP Checklist
Collaborative Activity
Speaking Event
- Outreach Samples
- 12:00 Lunch
- 12:45 Abstract Criteria
The Presentation
- 1:45 Roundtable Discussions
- 2:30 Q&A / Closure

MESRP '01 Presentation Day
AGENDA

4:00-4:30 Welcome Address

4:30-5:10 Breakout Session I

Chesapeake Room 1

COMB
Horn Point

Chesapeake Room 2

NASA Goddard
DNR

Chesapeake Room 3

Johns Hopkins APL

5:20-6:00 Breakout Session II

Chesapeake Room 1

Jug Bay Wetlands
Assateague Island

Chesapeake Room 2

Towson University Physics
Baltimore Zoo

Chesapeake Room 3

NIDA
NIDA

6:00-7:00 Dinner