

Marine Advanced Technology Education (MATE) Center



Working With the
University National
Oceanographic Laboratory
Systems Fleet of Vessels



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MATE Center Goals

- Identify employers needs and develop guidelines for marine occupations.
- Use guidelines to develop new programs and improve existing ones.
- Distribute information on marine technology, the economy, and education.
- Provide internship opportunities for students.
- Develop industry and academic partnerships.
- Provide professional development for faculty.
- Encourage diversity.



MATE/ UNOLS Technical Internship Program

Vehicle for you to:

1. Have cheap, competent students help on your cruises.
2. Help train your future workforce.
3. Give feedback to educators and students to help the learning process.
4. Opportunity to hire these students when they graduate!



MATE/ UNOLS

Technical Internship Program

The MATE Process

- Developed a national technical internship program.
- Work with individual institutions to understand their needs.
- Determine 3-6 possible students to intern with institution.
- Supervisor makes final decision about who is intern.
- The MATE Center takes care of the details:
 - How students get to site.
 - How the liability coverage is taken care of.
 - How the student gets paid.



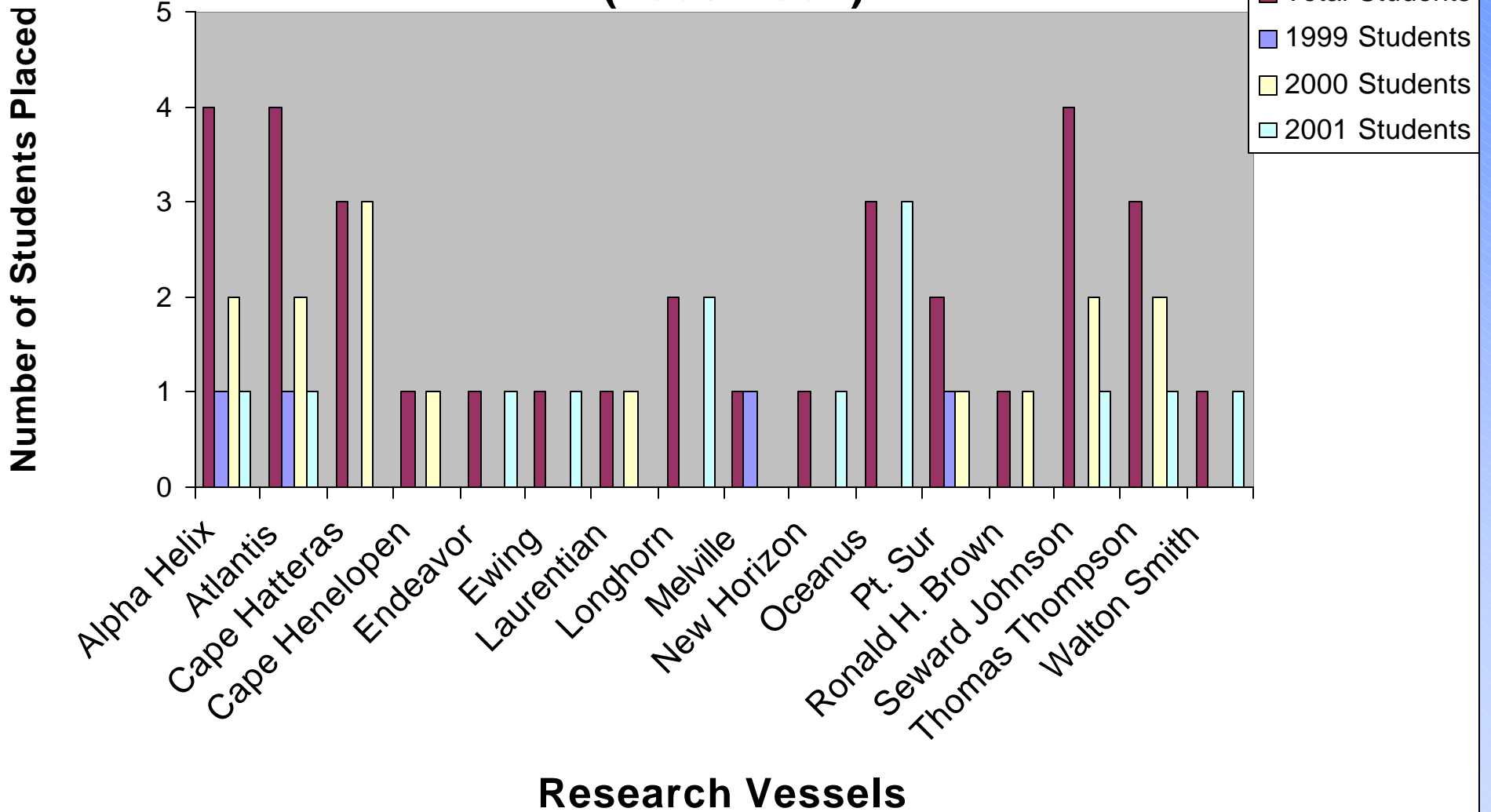
MATE/ UNOLS

Technical Internship Program

The UNOLS Process

- Determine your needs for an intern:
 - What tasks do you want an intern to complete?
 - What cruises are good opportunities with space?
 - What pre-knowledge and skills does the student need to have?
- Work with the MATE Center to develop a work plan for the intern.
- Mentor the student while they are with you.
- Provide room and board while the student is interning with you.

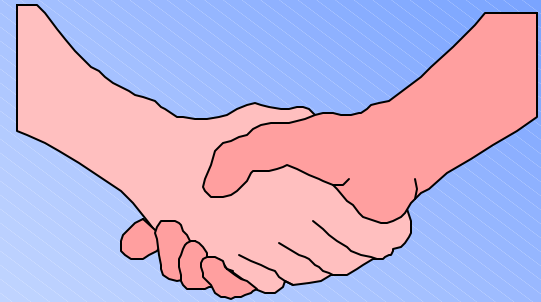
Results of the MATE/ UNOLS Internship Program (1999-2001)



Internship Successes

- Sixteen Research Vessels have hosted interns.
- Thirty-three placements for interns.
- Mentors and interns believe that students gained skills to help them with future employment in this field.
- 80% of mentors feel the intern made their job easier.
- Nine students have been hired full or part time as a result of the internship. Of those that have not yet been hired, most are still finishing degrees.

The Future of the MATE- UNOLS Internship Partnership



- Funding:
 - Supplemental grant from NSF
 - Work closer with scientists to help pay for student, while technicians still get the benefit of the intern.
- Feedback from you about program:
 - Student preparation, criteria for choosing intern, money, etc.
- More placements with more technicians.
- Students into jobs!

Building Success For the Future Marine Technical Workforce

Through the Technical Internship Program,
the MATE Center is continuing to interest,
teach, and prepare students for your future
workforce!



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